





We, young people from Poland creates Savvio Brand.

We have a positive attitude towards the world, and we are geeks when it comes to new technologies.

We made a brand, to introduce products on a market, that we need on a daily basis for our work, entertainment and to develop our passions.

The products are modern, reliable and in a reasonable price.

Thanks to Your acknowledgement, we quickly domesticated on shelves of the biggest commercial networks, wholesales and hundreds of internet stores.

Thank You for your trust!

 **SAVVIO**<sup>®</sup>  
feel technology

<b>4</b>	<b>MULTIMEDIA PLAYERS</b>
<b>7</b>	<b>WIRELESS KEYBOARDS</b>
<b>8</b>	<b>REMOTE CONTROLLERS</b>
<b>10</b>	<b>VIDEO CABLES</b>
<b>14</b>	<b>SWITCHES AND SPLITTERS</b>
<b>15</b>	<b>ADAPTERS AND CONNECTORS</b>
<b>18</b>	<b>USB CABLES</b>
<b>20</b>	<b>COMPUTER ACCESSORIES</b>
<b>23</b>	<b>WIRELESS COMMUNICATION</b>
<b>24</b>	<b>NETWORK CABLES</b>
<b>25</b>	<b>POWER SUPPLY</b>
<b>27</b>	<b>AUDIO CABLES AND ACCESSORIES</b>
<b>29</b>	<b>BLUETOOTH SPEAKERS</b>
<b>30</b>	<b>BLUETOOTH EARPHONES</b>
<b>32</b>	<b>POWER BANKS</b>
<b>34</b>	<b>CAR ACCESSORIES</b>
<b>35</b>	<b>PARKING SENSORS</b>
<b>36</b>	<b>DETECTORS</b>
<b>37</b>	<b>PHOTO PAPER</b>
<b>38</b>	<b>OTHERS</b>
<b>39</b>	<b>SAVIO GAMING</b>
<b>46</b>	<b>TYPES OF PACKAGING</b>
<b>48</b>	<b>SAVIO VALUES</b>

Multimedia player

# Savio TV BOX

## Will change every TV into a Smart TV!



## MULTIMEDIA PLAYERS

FULLY COMPATIBLE WITH:

Keyboards, remote controllers and Air-mice

Computer mice

Computer keyboards



## Smart TV Box Basic One

Model: TB-B01 ROM: 8GB RAM: 1GB

## Smart TV Box Premium One

Model: TB-P01 ROM: 16GB RAM: 2GB

- ✓ Operating system: Android 7.1 Nougat
- ✓ CPU: Amlogic S905W Quad- Core ARM Cortex-A53 CPU, 4x1.2 GHz
- ✓ GPU: Penta-Core Mali-450, 750 Mhz(DVFS)
- ✓ Resolution: 4K Ultra HD – Max. 3840 x 2160
- ✓ Supports: KODI, TVN Player, TVP Player, HBO GO, IPLA, NC+, Netflix, Facebook, Skype, YouTube, Showbox and many more applications available for free at Google Play Store.
- ✓ Power: DC 5V/2A

### Product features:

- ✓ Supported audio files format: MP3/WMA/AAC/WAV/OGG/AC3/DDP/TrueHD/DTS/DTS/HD/FLAC/APE, DOLBY TrueHD i DTS HD
- ✓ Supported video files format: AVI/RM/RMVB/TS/VOB/MKV/MOV/ISO/WMV/ASF/FLV/DAT/MPG/MPEG in resolution SD/HD/4K2K Ultra HD
- ✓ Supported picture format: JPEG/BMP/GIF/PNG/TIFF
- ✓ Supported video compression format: HD MPEG1/2/4, H.264/H.265, HD AVC HP, MVC, RM/RMVB, Xvid/DivX3/4/5/6, RealVideo8/9/10, HEVC MP-10
- ✓ USB ports: 2 high-speed USB 2.0, support U DISK and USB HDD
- ✓ Memory Card Reader: Micro SD
- ✓ Support of the external drives: Fat16/Fat32/NTFS
- ✓ Supports the subtitles: SRT/SMI/SUB/SSA/IDX+USB
- ✓ Video Output: SD/HD/2K/4K Ultra HD
- ✓ The menu in languages: Polish, English, German, Spanish, Portugal, Greek, Latvian, Lithuanian, Russian, Ukrainian, Czech, Slovak and many more
- ✓ LAN: Ethernet: 10/100M, standard RJ-45
- ✓ Wi-Fi: IEEE 802.11 b/g/n, 2.4G Wi-Fi
- ✓ Pointing device: Computer mice support, keyboard through USB port, pointing wireless devices (USB dongle 2,4 GHz)
- ✓ HDMI standard: HDMI 2.0 (support for CEC I HDCP), 4K x 2K at 30 fps
- ✓ AV: Yes
- ✓ IR Connector: (possibility of attaching the "eye" to the remote controllers)

### The content of package:

- ✓ Android TV Box
- ✓ 5V AC Adapter
- ✓ HDMI Cable
- ✓ Remote controller
- ✓ User Manual



## Savio TV Box

The multifunctional device, thanks to which every TV can become something more than a regular Smart TV

- Android 7.1**
- CPU: Amlogic S905W Quad-Core ARM Cortex-A53 CPU, 4x1.2 GHz**
- GPU: Penta-Core Mali-450, 750 Mhz(DVFS)**
- Resolution: 4K Ultra HD – Max. 3840 x 2160**
- Wi-Fi: IEEE 802.11 b/g/n, 2.4G WiFi**



## Smart TV Box Gold

Model: TB-G01 ROM: 16GB RAM: 2GB

- ✔ Operating system: Android 8.1 Oreo
- ✔ CPU: Amlogic S905X2 Quad-Core-A53 CPU, 4x1,8 GHz
- ✔ GPU: Mali G31
- ✔ Rom: 16GB eMMC
- ✔ Ram: 2GB DDR4
- ✔ Bluetooth Version: 4.1
- ✔ Resolution 4K Ultra HD – max. 3840 x 2160
- ✔ Supports: KODI, TVN Player, TVP Player, HBO GO, IPLA, NC+, Netflix, Facebook, Skype, YouTube, Showbox and many more applications available for free at Google Play Store.
- ✔ Power: DC 5V/2A

### Product features:

- ✔ Video Compression format: VP9, H.265, H.264, MPEG-4, WMV/VC-1, AVS-P16, MPEG-2, MPEG-1, RealVideo 8/9/10, WebM
- ✔ USB ports: 1x USB 3.0, 1x USB 2.0
- ✔ Memory Card Reader: Micro SD
- ✔ Support of the external drives: Fat16/Fat32/NTFS
- ✔ Supports the subtitles:TXT/SRT/SMI/SUB/SSA/IDX
- ✔ Video Output: SD/HD/2K/4K Ultra HD
- ✔ SPDIF output: output used to send digital sound
- ✔ The menu in languages: Polish, English, German, Spanish, Portugal, Greek, Latvian, Lithuanian, Russian, Ukrainian, Czech, Slovak and many more
- ✔ Lan: 1000Mbps, standard RJ45
- ✔ Wi-Fi: Dual Band 2.4/5GHz
- ✔ Pointing devices: Computer mice support, keyboards, gamepads through the USB port, wireless pointing devices support (receiver USB2.4 GHz), Bluetooth support
- ✔ HDMI Standard: HDMI 2.1 (support for CEC and HDCP), 4Kx2K@60fps
- ✔ AV: YES

### The content of Package:

- ✔ Android TV BOX
- ✔ AC adapter 5V
- ✔ HDMI cable
- ✔ Remote controller
- ✔ User Manual



# NEW, EVEN MORE POWERFULL TV-BOX



BLUETOOTH



DUAL Wi-Fi



HIGH  
PICTURE QUALITY



ANDROID 8.1



USB 3.0



## WIRELESS KEYBOARDS

### Wireless keyboard

Model: KW-01

### Backlit wireless keyboard

Model: KW-02

### Backlit wireless keyboard RGB

Model: KW-03

Wireless KW-01 keyboard is a compact, multifunctional device. It combines features of a full-size QWERTY keyboard and a touchpad. Thanks to keyboard KW-01 You can surf websites and use the installed apps quickly and comfortably.



#### Product specification:

- ✔ zasięg działania: do 10 metrów
- ✔ pojemność baterii: 300 mAh
- ✔ pobór prądu: 8-15 mA, poniżej 15mA w uśpieniu
- ✔ moc nadawania: +5dBm Max
- ✔ napięcie podczas pracy: 3,7V
- ✔ wymiary: 147\*85\*16 mm
- ✔ waga: 96 g

#### The device works with systems:

- ✔ Windows 2000, XP, Vista, 7, 8, 10
- ✔ Linux
- ✔ Android

#### The device is compatible with:

- ✔ Android TV BOX
- ✔ smart TV/android TV
- ✔ PC
- ✔ Laptop
- ✔ Xbox 360/Play Station 3
- ✔ Raspberry Pi
- ✔ smartphone/tablet with OTG function (connected by the USB OTG cable)

#### The content of the package:

- ✔ Wireless keyboard
- ✔ USB receiver
- ✔ Cable USB (M) – Micro USB (M)
- ✔ Li-ion battery
- ✔ User manual



# REMOTE CONTROLLERS

## Universal 8in1 remote controller

Model: RC-01

- ✓ Supports up to 8 devices like TV, DVB-T, DVD, SAT, AUDIO, VCR, HOME CINEMA, AMP, PROJECTOR
- ✓ Learning function from an original remote
- ✓ MACRO function – a sequence of any activities under one button
- ✓ The function of volume breakthrough – controlling the TV volume without switching a device
- ✓ Controlling chosen functions of different devices without the need for switching a device
- ✓ Backlit button of device choice



## Universal 7in1 remote controller

Model: RC-02

- ✓ Replaces original remote controller, which is damaged or lost
- ✓ Matches most of the brands on the market
- ✓ Simultaneously supports up to 7 devices like: TV, DVD, SAT, VCR, AUX, CABLE, DVB-T



## Universal TV remote controller Easy

Model: RC-04

- ✓ Supports TV's: LED, Smart TV, 3D, LCD, Plasma
- ✓ Remote Controller has big clear buttons, which makes it very easy to use
- ✓ Simple construction and choice of buttons with most commonly used functions enables an intuitive operating of a TV
- ✓ After pulling of the batteries it "remembers" entered code
- ✓ Enables multiple programming
- ✓ This Remote controller is perfect for elder users (it is not possible to alter the adjustment of a TV).



## Universal TV remote controller Kids

Model: RC-04

- ✓ Supports TV's: LED, Smart TV, 3D, LCD, Plasma
- ✓ Remote has big clear buttons, which makes it very easy to use
- ✓ Simple construction and choice of buttons with most commonly used functions enables an intuitive operating of a TV.
- ✓ After pulling of the batteries it "remembers" entered code
- ✓ Enables multiple programming
- ✓ This Remote controller is perfect for the youngest users (it is not possible to alter the adjustment of a TV)



## Air condition remote controller

Model: K-1028

- ✓ Universal remote controller for air condition devices of most common brands
- ✓ Equipped with big, clear LED screen, which enables the precise setting of the air conditioner
- ✓ Additional function backlit screen and makes it easier to use it when it is dark
- ✓ Supports brands: Samsung, Toshiba, Hitachi, Fujitsu, Electrolux, Olympus and many more



## Organiser/Stand for the remote controllers

Model: RCA-010

- ✓ Metal Construction
- ✓ Space for 4 Remotes
- ✓ Dimensions:  
Height: 20,5 cm  
Width: 11 cm  
Length: 21 cm





## Replacement remote controllers

- ✓ Successfully replaces the original remote controller
- ✓ Maps functions of the original remote controller
- ✓ Does not need any programming, it is enough to just put the batteries inside and remote controller is ready to use

## LG TV Remote controller

Model: RC-05

- ✓ Compatible among other with:

32LA66**	32LN577*	39LN577*	42LA74**	42LN578*	7LA74**	47LN578*	0LN575*	55LA69**	55LN577*	60LN577*
32LN61**	32LN578*	39LN578*	42LN570*	42LN61**	47LN570*	47LN61**	50LN577*	55LA74**	55LN578*	60LN578*
32LN570*	39LN570*	42LA66**	42LN575*	47LA66**	47LN575*	50LA66**	50LN578*	55LN570*	60LA74**	
32LN575*	39LN575*	42LA69**	42LN577*	47LA69**4	47LN577*	50LN570*5	55LA66**	55LN575*	60LN570*	

...and many others

\* Replaces any number or letter

## PANASONIC TV Remote controller

Model: RC-06

- ✓ Compatible among other with:

EUR050406,	EUR501380,	EUR511022,	EUR511226,	EUR51913,	EUR51971,	EUR644666,	EUR762830,	EUR7726020,
EUR501101,	EUR501390,	EUR511023,	EUR511228,	EUR51914,	EUR51973,	EUR645406,	EUR7635040,	EUR7737250,
EUR501120,	EUR50700,	EUR511026,	EUR511251,	EUR51915,	EUR51974,	EUR646920,	EUR7635050,	HT511273,
EUR501121A,	EUR50701,	EUR511029,	EUR511254,	EUR51916,	EUR51975,	EUR646921,	EUR7636070R,	TELORMD1170,
EUR501301,	EUR50702,	EUR511030,	EUR511257,	EUR51918,	EUR51976,	EUR646922,	EUR7651030A,	
EUR501302,	EUR50703,	EUR511032,	EUR511267,	EUR51921,	EUR51977,	EUR646925,	EUR7651110,	
EUR501310,	EUR50705,	EUR511032Z,	EUR511268AR,	EUR51923,	EUR641550,	EUR646930,	EUR76511120,	
EUR501320,	EUR50707,	EUR511035Z,	EUR511300,	EUR51930,	EUR641951,	EUR646932,	EUR76511150,	
EUR501331,	EUR50708,	EUR511200,	EUR51851,	EUR51931,	EUR641952,	EUR648053,	EUR7717010,	
EUR501337,	EUR50710,	EUR511212A,	EUR51902,	EUR51932,	EUR641952M,	EUR648080,	EUR7717020,	
EUR501371,	EUR50711,	EUR511218,	EUR51906,	EUR51940,	EUR644660,	EUR648081,	EUR7717030,	
EUR501377,	EUR511000A,	EUR511220,	EUR51912,	EUR51970,	EUR644661,	EUR648083,	EUR7717040R,	

...and many others

## SAMSUNG TV Remote controller

Model: RC-07

- ✓ Compatible among other with:

HG22EA470UW,	HG28EB670BW,	HG32AA690NW,	HG32EA670SK,	HG39EB670FW,	HG40AB690QJ,	HG46AA690NR,	HG46EA670SK,
HG26AA470PR,	HG28EB675BB,	HG32AB460GW,	HG32EA670SW,	HG39EB675FB,	HG40AB690QW,	HG46AA690NW,	HG46EA670SW,
HG26AA470PW,	HG28EB690BB,	HG32AB670BJ,	HG32EA790MS,	HG40AA570LR,	HG40EA570LW,	HG46AA790MJ,	
HG26AA475RW,	HG32AA470PR,	HG32AB670BW,	HG32EB460GW,	HG40AA570LW,	HG40EA590LS,	HG46AB670FJ,	
HG26EA470PW,	HG32AA470PW,	HG32AB690QW,	HG32EB670BW,	HG40AA690NR,	HG40EA670SK,	HG46AB670FW,	
HG26EA475RW,	HG32AA473PW,	HG32EA470PW,	HG32EB675FB,	HG40AA690NW,	HG40EA670SW,	HG46AB690QJ,	
HG26EA476RS,	HG32AA475RW,	HG32EA475RW,	HG32EB690QB,	HG40AA790MJ,	HG40EA790MS,	HG46AB690QW,	
HG28AB670BW,	HG32AA570LW,	HG32EA476RS,	HG39AB460HW,	HG40AB670FJ,	HG40EB690QB,	HG46AB890XW,	
HG28EB460BW,	HG32AA690NR,	HG32EA590LS,	HG39EB460HW,	HG40AB670FW,	HG42EB675FB,	HG46EA590LS,	

...and many others

## SONY TV Remote controller

Model: RC-08

- ✓ Compatible among other with:

KDL-22EX550,	KDL-32EX650,	KDL-32W656A,	KDL-40EX655,	KDL-42W807A,	KDL-42W656A,	KDL-46EX655,	KDL-47W807A,	KDL-55W905A
KDL-26EX550,	KDL-32EX655,	KDL-40EX650,	KDL-40W905A,	KDL-42W654A,	KDL-46EX650,	KDL-46W905A,	KDL-50W656A,	
KDL-26EX555,	KDL-32W655A,	KDL-40EX653,	KDL-42W805A,	KDL-42W655A,	KDL-46EX653,	KDL-47W805A,	KDL-50W685A,	

...and many others

## SAMSUNG Smart TV Remote controller

Model: RC-09

- ✓ Compatible among other with:

UE40H6270SS,	UE40H6240A,	UA32H5500AWXXY,	UE40H5303AKXRU,	UE40H4203AKXUA,	UE105S9WATXUA,
UE48H6270SS,	UE46H6203AW,	UA105S9WAWXXY,	UE40H5500AKXRU,	UE40H5203AKXUA,	UE32H6350AKXUA,
UE50H5500AW,	UA40H6300AWXXY,	UA55H6800AWXXY,	UE40H5303AKXRU,	UE48H5500AKXUA,	UE48H6350AKXUA,
UE50H6200AW,	UA55H6300AWXXY,	UA32H5500AWXXY,	UE40H5500AKXRU,	UE32H5500AKXUA,	UE48H5203AKXUA,
UE55H6270SS,	UA48H6300AWXXY,	UA60H6300AWXXY,	UE32H5500AKXRU,	UE32H6200AKXUA,	UE32H4500AKXUA,
UE58H5203AW,	UA32H6300AWXXY,	UA32FH4003RPXD,	UE32H6350AKXRU,	UE32H5303AKXUA,	UE46H6203AKXUA,
UE58J5200AW,	UA40H5500AWXXY,	UE48H6350AKXRU,	UE32H5500AKXRU,	UE46H5303AKXUA,	UE40H5500AKXUA,
UE55HU7100S,	UA48H5500AWXXY,	UE40H6350AKXRU,	UE40H6350AKXUA,	UE55H6203AKXUA,	UE40H6203AKXUA,

...and many others

## PHILIPS TV Remote controller

Model: RC-10

- ✓ Compatible among other with:

32PFL3208H/12,	32PFL3507H/12,	32PFL4258H/12,	39PFL3088H/12,	42PFL6007K/12,	46PFL8007H/12,	47PFL6007T/12,
32PFL3208T/12,	32PFL3517H/12,	32PFL3517H/12,	40PFL5507H/12,	42PFL6007T/60,	46PFL8007T/12,	47PFL6007T/60
32PFL3307H/60,	32PFL3517H/60,	32PFL3517T/60,	40PFL5507K/12,	46PFL7007H/12,	47PFL6007H/12,	
32PFL3507H/60,	32PFL3088H/60,	32PFL4508H/12,	42PFL6007T/12,	46PFL7007T/12,	47PFL6007K/12,	

...and many others

## LG Smart TV Remote controller

Model: RC-11

- ✓ Compatible among other with:

6710900010A/E/F,	6710T00079F,	6710V00138N/T/F,	AKB33871409,	AKB72914020,	MKJ32022805,	MKJ33981406,
6710300010G/J/S,	6710T00022D/F/S,	6710V00138L/M,	AKB33871410,	AKB72915207,	MKJ32022814,	MKJ33981410,
6710900011W,	6710V00091A/G/Z,	6710V00141A/,	AKB69680403,	AKB72915210,	MKJ32022826,	MKJ33981413,
6710T0008B/C/G,	6710V00124V,	6710V00151S,	AKB69680404,	AKB72915211,	MKJ32022835,	MKJ33981422
6710T00017M/Q/V,	6710V00126L/Q,	AKB1497291420A,	AKB69680416,	AKB72976005,	MKJ32022838,	
6710T00017B/H,	6710V00126R/M,	AKB33871407,	AKB72914009,	MKJ30036801,	MKJ33981404,	

...and many others





## VIDEO CABLES

### HDMI v2.0 High Speed

- ✔ Ethernet up to 100 Mb/sec.
- ✔ 3D image support, Deep Color and HDR
- ✔ Audio Return Channel
- ✔ Dolby TrueHD and DTS-HD Master Audio multi-channel audio support
- ✔ Supports high resolutions up to 4K x 2K max 4096x2160p60 Hz and 1080p@240 Hz
- ✔ Maximum signal bandwidth: 600MHz
- ✔ Maximum bit rate TMDS: 18.00Gbit /s
- ✔ Maximum video bit rate: 14.40Gbit /s
- ✔ HDR
- ✔ Dual View & 4 audio streams
- ✔ Gold plated plugs 24k
- ✔ Full shielding of signal wires – resistant to external interference
- ✔ OFC oxygen-free conductors with a high degree of purity (99.96%)
- ✔ No loss in the transmission of high image and sound quality
- ✔ Range of operation: Audio-video transfer
- ✔ Compatible with previous versions 1.0-1.4
  
- ✔ Example use:  
Transfer of the video and sound from a computer, console, laptop, tuner, DVBT to the TV.

### HDMI v1.4 High Speed

- ✔ Supports Ethernet up to 100 Mb / sec.
- ✔ Supports 3D and Deep Color
- ✔ Supports Audio Return Channel,
- ✔ Supports Dolby TrueHD multi-channel audio and DTS-HD Master Audio
- ✔ Supports high resolutions up to 4K x 2K max 4096x2160p30 Hz and 1080p@144 Hz
- ✔ 24k gold-plated connectors
- ✔ Full shielding of signal wires – resistant to external interference
- ✔ No losses in the transmission of high image and sound quality
- ✔ Range of operation: Audio-video transfer
  
- ✔ Example use:  
Transfer of the video and sound from a computer, console, laptop, tuner, DVBT to the computer monitor or TV.

### HDMI Cable v2.0, 1,5m

Model: CL-95 HDMI A male 30 AWG OD: 6.0mm

### HDMI Cable v2.0, 3m

Model: CL-96 HDMI A male 30 AWG OD: 6.0mm

### HDMI Cable v2.0, 5m

Model: CL-113 HDMI A male 30 AWG OD: 6.0mm

### HDMI Cable v2.0, 7,5m

Model: CL-140 HDMI A male 30 AWG OD: 6.0mm

### HDMI Cable v2.0, 10m

Model: CL-141 HDMI A male 30 AWG OD: 6.0mm



### HDMI Cable v2.0, angular, 1,5m

Model: CL-108 HDMI A male 30 AWG OD: 6.0mm KAŹTOWY

### HDMI Cable v2.0, angular, 3m

Model: CL-109 HDMI A male 30 AWG OD: 6.0mm KAŹTOWY



### HDMI Cable nylon braid black, 1,5m

Model: CL-02 HDMI A male 30 AWG OD: 5.8mm BLACK NYLON BRAID

### HDMI Cable nylon braid white, 1,5m

Model: CL-119 HDMI A male 30 AWG OD: 5.8mm WHITE NYLON BRAID

### HDMI Cable nylon braid red, 1,5m

Model: CL-120 HDMI A male 30 AWG OD: 5.8mm RED NYLON BRAID

### HDMI Cable nylon braid black, 2m

Model: CL-48 HDMI A male 30 AWG OD: 5.8mm BLACK NYLON BRAID

### HDMI Cable nylon braid black, 3m

Model: CL-07 HDMI A male 30 AWG OD: 5.8mm BLACK NYLON BRAID

### HDMI Cable nylon braid black, 5m

Model: CL-49 HDMI A male 30 AWG OD: 5.8mm BLACK NYLON BRAID



## HDMI Cable 0,5m

Model: CL-36 HDMI A male 30 AWG OD: 5.5mm

## HDMI Cable 1m

Model: CL-37 HDMI A male 30 AWG OD: 5.5mm

## HDMI Cable 1,5m

Model: CL-01 HDMI A male 30 AWG OD: 5.5mm

## HDMI Cable 1,8m

Model: CL-121 HDMI A male 30 AWG OD: 5.5mm

## HDMI Cable 2m

Model: CL-05 HDMI A male 30 AWG OD: 5.5mm

## HDMI Cable 3m

Model: CL-06 HDMI A male 30 AWG OD: 5.5mm

## HDMI Cable 5m

Model: CL-08 HDMI A male 30 AWG OD: 5.5mm

## HDMI Cable 10m

Model: CL-34 HDMI A male 26 AWG OD: 7.4mm

## HDMI Cable 15m

Model: CL-38 HDMI A male 26 AWG OD: 7.4mm

## HDMI Cable 15m

Model: CL-75 HDMI A male 26 AWG OD: 7.4mm



## HDMI Cable angular 1,5m

Model: CL-04 HDMI A męskie 30 AWG OD: 5.5mm ANGULAR



## HDMI extender 1m

Model: CL-132 HDMI A male - HDMI A female 30 AWG OD: 5.5mm



## HDMI – mini HDMI Cable 1,5m

Model: CL-09 HDMI A male - HDMI mini male 30 AWG OD: 5.5mm



## HDMI – micro HDMI Cable 1m

Model: CL-39 HDMI A male - HDMI D micro male 32 AWG OD: 4.2mm

## HDMI – micro HDMI Cable 2m

Model: CL-40 HDMI A male - HDMI D micro male 32 AWG OD: 4.2mm



## BEST VIDEO AND SOUND QUALITY

**HDMI**  
1.4|2.0

**4K**

**HDR**

**24K**  
Gold

**dts-HD**  
Master Audio

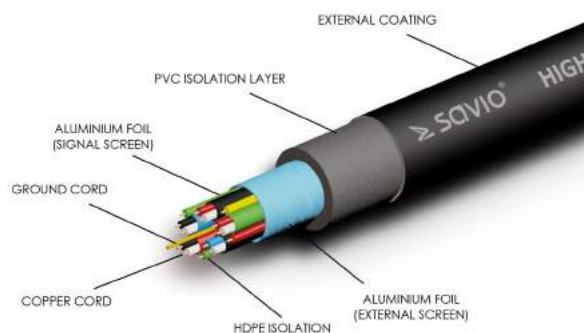
**3D**

**OFC**  
99,96%

**Dolby True**  
HD

**Deep**  
Color

**Ethernet**




## HDMI – VGA Cable/Adapter 1,8m

Model: CL-103

- ✓ Connectors:
    - HDMI 19-pin, male
    - VGA 15-pin, male
  - ✓ Gold plated connectors
  - ✓ Supported resolution: HDTV: 480i, 576i, 480p, 576p, 1080i, 1080p(60 Hz)
  - ✓ Does not need a power supply
  - ✓ The range of operation: video transfer
  - ✓ Direction: HDMI->VGA
- 
- ✓ Example use:  
A connection of a monitor or a projector with VGA connector to any source equipped with HDMI output.

## HDMI – VGA Cable/Adapter + Audio 1,8m

Model: CL-104


- ✓ Connectors:
    - HDMI 19-pin, male
    - VGA 15-pin, male
  - ✓ Gold plated connectors
  - ✓ Supported resolution: HDTV: 480i, 576i, 480p, 576p, 1080i, 1080p(60 Hz)
  - ✓ Does not need a power supply
  - ✓ The range of operation: audio-video transfer
  - ✓ Direction: HDMI -> VGA
- 
- ✓ Example use:  
A connection of a monitor or a projector with VGA connector to any source equipped with HDMI output.

## mini DisplayPort Cable - HDMI 1,8m

Model: CL-83


## mini DisplayPort Cable - HDMI 3m

Model: CL-84

- ✓ Connectors:
    - HDMI A, male
    - Mini DisplayPort, male
  - ✓ 30AWG, OD:5.0mm
  - ✓ Gold plated connectors
  - ✓ The range of operation: audio-video transfer
  - ✓ Direction: mini DP-> HDMI
- 
- ✓ Sample application:  
Connecting the notebook or a computer to a TV or a monitor.

## Kabel DisplayPort - HDMI 1,5m

Model: CL-56

- ✓ Connectors:
    - DisplayPort, male
    - HDMI, male
  - ✓ 30AWG, OD:5,0 mm
  - ✓ Gold plated connectors
  - ✓ The range of operation: audio-video transfer
  - ✓ Direction: DisplayPort-> HDMI
  - ✓ Maximum resolution: 1080p
- 
- ✓ Example use:  
Connecting a computer to a monitor or a home cinema.

## DisplayPort Cable v1.2, 1m


Model: CL-135

## DisplayPort Cable v1.2, 2m

Model: CL-136

## DisplayPort Cable v1.2, 3m

Model: CL-137


- ✓ Connectors:
    - DisplayPort v1.2, male
  - ✓ 30AWG, OD:5,0 mm
  - ✓ Gold plated connectors
  - ✓ The range of operation: audio-video transfer
  - ✓ Works both ways
- 
- ✓ Example use:  
Connecting a computer to a monitor or a home cinema.

## DisplayPort v1.1 Cable 1,8m

Model: CL-85

## DisplayPort v1.1 Cable 3m

Model: CL-86


- ✓ Connectors:
    - DisplayPort v1.1, male
  - ✓ 30AWG, OD:5,0 mm
  - ✓ Gold plated connectors
  - ✓ The range of operation: audio-video transfer
  - ✓ Works both ways
- 
- ✓ Example use:  
Connecting a computer to a monitor or a home cinema.

## DisplayPort - DVI Cable 1,8m

Model: CL-106

## Display Port - DVI Cable 3m

Model: CL-122


- ✓ Connectors:
    - DisplayPort, male
    - DVI-D, male
  - ✓ 30AWG, OD: 6.0mm
  - ✓ Gold plated connectors
  - ✓ Supported resolutions:
    - 1920x1200, 1920x1080, 1440x900, 1280x720 HDTV I VGA
  - ✓ The range of operation: Audio-video transfer
  - ✓ Direction: DisplayPort -> DVI
- 
- ✓ Example use:  
Connecting a computer equipped with a graphics card to a DisplayPort connector monitor.

## DVI cable 1,8m

Model: CL-31

## DVI cable 3m

Model: CL-53

- ✓ Connectors:
    - DVI-D 24+1, male
  - ✓ 30 AWG, OD:7.0mm
  - ✓ Gold plated connectors
  - ✓ 2 ferrites
  - ✓ The range of operation: video transfer
  - ✓ Works both ways
- 
- ✓ Example use:  
Video transfer from a computer to a monitor or a TV.

## VGA Cable

- ✓ Connectors:
    - VGA, male
  - ✓ 30AWG, OD: 5,5mm
  - ✓ Shielded + 2 ferrites
  - ✓ The range of operation: video transfer
  - ✓ Works both ways
- ✓ Sample Application:  
Video transfer from a computer, console, laptop, tuner to a monitor or a TV.

## VGA Cable 1,8m

Model: CL-29

## VGA Cable 3m

Model: CL-30

## VGA Cable 5m

Model: CL-50

## VGA Cable 10m

Model: CL-51

## VGA Cable 15m

Model: CL-52



## HDMI-DVI-D Cable 1,5m

Model: CL-10

## HDMI-DVI-D Cable 1,8m

Model: CL-139

- ✓ Connectors:
    - DVI-D 24+1, male
    - 30 AWG, OD:7.0mm
  - ✓ Gold plated connectors
  - ✓ 2 ferrites
  - ✓ The range of operation: video transfer
  - ✓ Works both ways
- ✓ Example use:  
Video transfer from a computer to a monitor or a TV.



## DisplayPort - VGA Cable 1,8m

Model: CL-92

- ✓ Connectors:
    - Display port, male
    - VGA, male
  - ✓ 30AWG, OD:5.5mm
  - ✓ Maximum resolution: 1080p
  - ✓ The range of operation: audio-video transfer
  - ✓ Direction: DisplayPort->HDMI
- ✓ Example use:  
Connecting a computer to a monitor or a projector.



## SCART audio/video Cable - 3xRCA

Model: CL-133

- ✓ Connectors:
    - SCART, 21 pin, male (Euro)
    - 3xRCA, male (Cinch)
  - ✓ Two ways cable with signal direction switch
- Example use:  
✓ Connecting a DVD player or others RTV devices to a TV.



## SCART Cable 2m

Model: CL-134

- ✓ Connectors:
    - SCART, 21 pins, male (Euro)
  - ✓ Shielded
  - ✓ Works both ways
- ✓ Example use:  
Connecting the DVBT decoder, DVD player to a TV.





## SWITCHES AND SPLITTERS

### 3 inputs HDMI switch

Model: CL-26

- ✓ Connectors:
    - Inputs: 3xHDMI
    - Outputs: 1xHDMI
  - ✓ Has two modes of operation:
    1. Intelligent – automatic
    2. Manual with a button on a device
  - ✓ Supported resolution: FULL HD TV do 1080p, graphics up to 1440p, picture from a computer up to 1920x1200
  - ✓ Compensating losses in a cable through digital signal amplification
  - ✓ Support of 12-bit Deep Colour
  - ✓ High performance: up to 2.5Gps
  - ✓ Active input LED indicator diode
  - ✓ Does not need an additional power
- ✓ Example use:  
It enables to connect 3 devices i.e. DVBT decoder, computer, DVD, console PS3/Xbox, etc. to one receiver, i.e. TV or a monitor. After applying an additional power supply it also works as a signal amplifier (recommended for long cables – more than 10m).



### HDMI Switch 3 inputs + remote controller

Model: CL-28

- ✓ Connectors:
    - Inputs: 3 x HDMI
    - Outputs: 1 x HDMI
  - ✓ Has 3 working modes:
    1. Intelligent – automatic
    2. Manual with a button on a device
    3. Remote – by a remote controller
  - ✓ Supported resolution: FULL HD TV do 1080p, graphics up to 1440p, picture from a computer up to 1920x1200
  - ✓ Compensating losses in a cable through digital signal amplification
  - ✓ Support of 12-bit Deep Colour
  - ✓ High performance: up to 2.5Gps
  - ✓ Active input LED diode indication
  - ✓ Does not need an additional power
  - ✓ Remote controller and an infrared receiver in the package
- ✓ Example use:  
It enables to connect 3 devices i.e. DVBT decoder, computer, DVD, console PS3/Xbox, etc. to one receiver, i.e. TV or a monitor. After applying an additional power supply it also works as a signal amplifier (recommended for long cables – more than 10m).



### Full HD HDMI Splitter 2 outputs

Model: CL-42

- ✓ Connectors:
    - Inputs: 1xHDMI
    - Outputs: 2xHDMI
  - ✓ HDMI Version – 1.4b
  - ✓ Supports: Full HD, 3D, Ethernet
  - ✓ Supports resolution: 1920x1080/60Hz
  - ✓ Supports: Deep Color 30bit, 36bit
  - ✓ Support for Blu-Ray 24/50/60fs/HD-DVDC/xvYCC
  - ✓ Supports audio formats:
    - DTS-HD/Dolby-TrueHD/LPCM7.1/DTS/Dolby-AC3/DSD/HD (HBR)
  - ✓ Supports retiming signal
  - ✓ Indicator diode
  - ✓ DC5V power supply / 1A adapter
- ✓ Example use:  
Enables to split the signal from one HDMI source to two monitors or projectors simultaneously.



### HDMI 4k Splitter 2 outputs

Model: CL-93

- ✓ Connectors:
    - Inputs: 1xHDMI
    - Outputs: 2xHDMI
  - ✓ HDMI Version – 1.4b
  - ✓ Supports: Full HD, 3D, Ethernet, 4K
  - ✓ Supports resolution: 3840 x 2160/30Hz
  - ✓ Supports: Deep Color 30bit, 36bit
  - ✓ Support for Blu-Ray 24/50/60fs/HD-DVDC/xvYCC
  - ✓ Supports audio formats:
    - DTS-HD/Dolby-TrueHD/LPCM7.1/DTS/Dolby-AC3/DSD/HD (HBR)
  - ✓ Indicator diode
- ✓ Example use:  
Enables to split the signal from one HDMI source to two monitors or projectors simultaneously.  
Can be used as an HDMI signal amplifier.





# ADAPTERS AND CONNECTORS

## Adapter HDMI straight

Model: CL-111



## Adapter HDMI angular

Model: CL-112



- ✓ Connectors:  
HDMI A 19 pin, female  
HDMI A 19pin, female/male
- ✓ The range of operation: data transfer
- ✓ Works both ways
- ✓ Example use: Extending HDMI cable

## DVI - VGA adapter

Model: CL-25



- ✓ Connectors:  
DVI D 24+5, male  
VGA 15 pin, female
- ✓ Range of operation: analogue video transfer
- ✓ Direction: DVI->VGA
- ✓ Example use: Connecting a computer to a monitor or a TV.

## VGA divider for 2 ports

Model: CL-66



- ✓ Connectors:  
VGA, male  
2x VGA, female
- ✓ High frequency 250 MHz(VS-92A/VS/94A) or 200MHz (VS 98A)
- ✓ Amplifying video signal up to 65m
- ✓ Support DDC2B
- ✓ Plug&Play – does not need drivers
- ✓ The range of operation: dividing VGA signal
- ✓ Direction: 1xVGA male-> 2xVGA, female
- ✓ Example use: Connecting a computer or a laptop with VGA output to one or two projectors, monitors or TV sets.

## HDMI - VGA adapter with audio

Model: CL-23



- ✓ Connectors:  
HDMI A, male  
VGA 15 pin, female  
Mini Jack 3,5mm, stereo, male
- ✓ Resolution up to 1080p
- ✓ Does not need an external power supply
- ✓ The range of operation: transfer of audio and video
- ✓ Direction: HDMI->VGA
- ✓ Example use: Connecting a computer to a monitor or projector or TV.

## HDMI - micro HDMI adapter

Model: CL-17



- ✓ Connectors:  
HDMI A, female  
Micro HDMI D, male
- ✓ Gold plated connectors
- ✓ The range of operation: data transfer
- ✓ Works both ways
- ✓ Example use: Connecting a smartphone or a tablet to a TV.

## HDMI - DVI adapter

Model: CL-21



- ✓ Connectors:  
DVI-D 24+1, male  
HDMI A, female
- ✓ Gold plated connectors
- ✓ The range of operation: digital video transfer
- ✓ Works both ways
- ✓ Example use: Connecting a computer to a monitor or a TV.

## VGA - HDMI Converter

Model: CL-110



- ✓ Connectors:  
VGA: male  
Mini Jack 3.5mm, stereo, male  
HDMI, female
- ✓ Supports resolutions: 1080p/60Hz, 720p/60Hz
- ✓ Range of operation: Converting audio/video signal
- ✓ Direction: VGA/mini Jack 3.5mm -> HDMI
- ✓ Example use: Video and sound transfer from a device with VGA output to a TV or a monitor.

## HDMI - VGA adapter

Model: CL-27



- ✓ Connectors:  
HDMI A, male  
VGA 15 pin, female
- ✓ Maximal HDMI resolution: 1080p
- ✓ Maximal resolution VGA: 1920x1200x60Hz (WUXGA)
- ✓ Does not need an additional power supply
- ✓ The range of operation: video transfer
- ✓ Direction: HDMI -> VGA
- ✓ Example use: Connecting a computer to a monitor, a projector or a TV.

## DisplayPort - VGA adapter

Model: CL-90

- ✓ Connectors:  
DisplayPort, male  
VGA, female
- ✓ Resolution: 1920x1080p
- ✓ Range of operation: video transfer
- ✓ Direction: DisplayPort -> VGA
- ✓ Example use: Connecting a computer to a monitor or a projector.



## DisplayPort - DVI adapter

Model: CL-91

- ✓ Connectors:  
DisplayPort, male  
DVI 24 pin, female
- ✓ Resolution: 1920x1080p
- ✓ Range of operation: video transfer
- ✓ Direction: DisplayPort -> DVI
- ✓ Example use: Connecting computer to a monitor or a projector.



## Mini DisplayPort - DVI adapter

Model: CL-94

- ✓ Connectors:  
Mini DisplayPort, male  
DVI 24 pin, female
- ✓ Resolution QXGA (2560x1300)
- ✓ Supports two-direction transfer form an AUX channel with a bandwidth of 1Mbps
- ✓ The range of operation: video transfer
- ✓ Direction: mini DisplayPort -> DVI
- ✓ Example use:  
Connecting a computer to a monitor.



## DisplayPort - HDMI adapter

Model: CL-55

- ✓ Connectors:  
DisplayPort, male  
HDMI A, female
- ✓ Maximal resolution: 1080p
- ✓ Range of operation: audio-video transfer
- ✓ Direction: DisplayPort -> HDMI
- ✓ Example use: Connecting computer to a monitor or a projector.



## Mini DisplayPort - HDMI adapter

Model: CL-57

- ✓ Connectors:  
Mini DisplayPort, male  
HDMI A, female
- ✓ Gold plated connectors
- ✓ The range of operation: audio-video transfer
- ✓ Direction: mini DisplayPort -> HDMI
- ✓ Example use: Connecting a computer to a monitor or a TV.



## GT-P100 - USB Adapter

Model: CL-18

- ✓ Connectors:  
Samsung 30 pin  
USB A, female OTG
- ✓ USB standard: 2.0
- ✓ OTG function
- ✓ The range of operation: data transfer
- ✓ Works both ways
- ✓ Example use: Connecting tablet, smartphone or another device supporting OTG standard to a USB storage device, keyboard, mouse, HDD drive.



## MHL micro USB - HDMI adapter

Model: CL-32

- ✓ Connectors:  
MHL: micro USB 5 pin  
HDMI A, female
- ✓ For all smartphones and tablets supporting MHL technology with micro USB 5 pin output
- ✓ While applying additional power supply it works as a charger
- ✓ Also works with TV sets, which are not supporting MHL (needs additional power supply micro USB-USB)
- ✓ Example use;  
Video transfer from a smartphone, tablet to a TV.



## USB - SAMSUNG GALAXY TAB cable

Model: CL-33

- ✓ Connectors:  
USB A, male  
Samsung Galaxy Tab 30 pin
- ✓ Supported models:  
P1000, N8000, P5110, P7510, P7500, P7300, P6200, P6800, P3100, P1000, P1010 and other....
- ✓ The range of operation: data transfer, charging
- ✓ Works both ways
- ✓ Example use: Connecting Samsung brand tablet to a computer.



## OTG USB - mini USB adapter

Model: CL-58

- ✓ Connectors:  
Mini USB B, male  
USB A, female, OTG
- ✓ USB standard: 2.0
- ✓ The range of operation: Data transfer
- ✓ Works both ways
- ✓ Example use:  
Connecting tablet, smartphone or any other device supporting OTG standard to a USB storage device, keyboard, computer mouse, HDD drive.



## OTG USB - micro USB adapter

Model: CL-59

- ✓ Connectors:  
Micro USB B, male  
USB A, female, OTG
- ✓ USB standard: 2.0
- ✓ The range of operation: data transfer
- ✓ Works both ways
- ✓ Example use: Connecting a tablet, a smartphone or any other device supporting OTG standard with a USB storage device, keyboard, mouse or HDD drive.





## OTG USB - mini USB angular adapter

Model: CL-60

- ✓ Connectors:  
Micro USB B, male, angular  
USB A, female, OTG
- ✓ USB standard: 2.0
- ✓ The range of operation: data transfer
- ✓ Works both ways



- ✓ Example use: Connecting a tablet, a smartphone, or any other device supporting OTG standard with a USB storage device, keyboard, computer mouse or HDD drive.

## OTG USB - micro USB angular adapter

Model: CL-61

- ✓ Connectors:  
Micro USB B, male, angular  
USB A, female, OTG
- ✓ USB standard: 2.0
- ✓ The range of operation: data transfer
- ✓ Works both ways



- ✓ Example use: Connecting a tablet, a smartphone, or any other device supporting OTG standard with a USB storage device, keyboard, computer mouse or HDD drive.

## OTG USB - micro USB adapter

Model: CL-87

- ✓ Connectors:  
USB OTG A, female  
Micro USB B, male
- ✓ USB standard: 3.0
- ✓ The range of operation: data transfer up to 625Mbps
- ✓ Works both ways



- ✓ Example use: Connecting a tablet, a smartphone, or any other device supporting OTG standard with a USB storage device, keyboard, computer mouse or HDD drive.

## USB type C - Jack 3.5mm audio adapter

Model: AK-35

- ✓ Connectors:  
USB type C, male  
Mini Jack 3.5mm, stereo, female
- ✓ Stereo sound
- ✓ USB standard: 3.1
- ✓ The range of operation: sound transfer
- ✓ Direction: USB type C -> Jack 3.5mm



- ✓ Example use: Connecting earphones to a smartphone, a tablet or any other device that does not have a Jack 3.5mm socket.

## Micro USB adapter

Model: AK-30 White

## Micro USB adapter

Model: AK-31 Black

- ✓ Connectors:  
Micro USB 2.0 female  
USB 3.1 type C, male
- ✓ Size: 19.9 x 10.5 x 5.8mm
- ✓ The range of operation: data transfer, charging, device synchronisation
- ✓ Works both ways



- ✓ Example use: Connecting devices with USB type C socket to a micro USB cable.

## Window transition

Model: LB0076BLACK/GOLD Gold

## Window transition

Model: LB0076/WHITE White

- ✓ Connectors:  
Antenna socket type F, female  
Antenna socket type F, female
- ✓ Ultra-thin tape(0,1mm)
- ✓ Attenuation: 6db



Under-window tape, that allows on letting through an antenna cord under the window frame in a un-invasive way, without the need of drilling. Thanks to the fact, that it is flat, it does not cause a leak, and multiple closing a window does not influence its properties

## Antenna divider

Model: LB0077

- ✓ Connectors:  
IEC 9.5mm, female  
2xIEC 9.5mm, male



- ✓ Example use: Dividing the signal from one RF female socket to two RF male sockets.

## Antenna divider

Model: LB0078

- ✓ Connectors:  
IEC 9.5mm, male  
Coaxial, clockwise plug



- ✓ Example use: Connecting an antenna to a TV

## Angular antenna adapter

Model: LB0079

- ✓ Connectors:  
IEC 9.5mm, female, angular  
Coaxial, clockwise socket



- ✓ Example use: Connecting an antenna to a TV

## Angular antenna adapter

Model: LB0080

- ✓ Connectors:  
IEC 9.5mm, male, angular  
Coaxial, clockwise socket



- ✓ Example use: Connecting an antenna to a TV



# USB CABLES

## USB 3.0 - Micro USB type B 1m

Model: CL-102

- ✓ Connectors: USB 3.0 A, male  
USB Type B, male
- ✓ OD: 4.0mm
- ✓ Data transfer up to 625MB/s, charging
- ✓ Works both ways
- ✓ Example use: Connecting a drive, digital camera, camera with a USB 3.0 type B connector to a device with a fast USB 3.0 socket.



## USB 3.0 - USB type C cable 1m

Model: CL-101

- ✓ Connectors: USB 3.0 A, male  
USB 3.1 type C, male
- ✓ OD: 4.0mm
- ✓ Data transfer up to 625 MB/s
- ✓ Works both ways
- ✓ Example use: Connecting a computer, laptop, camera, charger etc. with a USB 3.1 Type C connector to a device with fast USB 3.0 socket.



## USB - micro USB cable 1m

Model: CL-123

## USB - micro USB cable 2m

Model: CL-124

- ✓ Connectors: USB 2.0 A, male  
Micro USB 2.0, male
- ✓ Output current: max. 2.1A
- ✓ Data transfer: up to 480 Mbps
- ✓ The range of operation: data transfer, charging
- ✓ Works both ways
- ✓ Example use: connecting a tablet, a smartphone to a charger or a computer.



## USB - USB Type C cable 1m

Model: CL-125 Bialy

## USB - USB Type C cable 2m

Model: CL-129 Czarny

- ✓ Connectors: USB 2.0A, male  
USB type C, male
- ✓ Output current: max. 2.1A
- ✓ Data transfer: up to 480Mbps
- ✓ The range of operation: data transfer, charging
- ✓ Works both ways
- ✓ Example use: connecting a tablet, a smartphone to a charger or a computer.



## USB - micro USB cable with Quick Charge support 1m

Model: CL-127

- ✓ Connectors: USB 2.0 A, male  
Micro USB, male
- ✓ Output current: max. 5A
- ✓ Data transfer: up to 480Mbps
- ✓ The range of operation: data transfer, charging (Quick Charge technology)
- ✓ Works both ways
- ✓ Example use: Connecting a tablet, a smartphone to a charger or a computer to charge and transfer data. Ability to 4-times faster charging, when connecting to a charger that supports Quick Charge technology.



## USB - USB type C cable with Quick Charge 1m

Model: CL-126

- ✓ Connectors: USB 2.0A, male  
USB type C, male
- ✓ Output current: max. 5A
- ✓ Data transfer: up to 480Mbps
- ✓ The range of operation: data transfer, charging (Quick Charge technology)
- ✓ Works both ways
- ✓ Example use: Connecting a tablet, a smartphone to a charger or a computer to charge and transfer data. Ability to 4-times faster charging, when connecting to a charger that supports Quick Charge technology.



## USB - USB type C cable 1 m

Model: CL-79

- ✓ Connectors:  
USB 2.0A, male  
USB type C, male
- ✓ 28 AWG/1P + 24 AWG/2C, OD: 3,5mm
- ✓ The range of operation: data transfer, charging
- ✓ Works both ways
- ✓ Example use: Connecting a tablet, smartphone to a charger or a computer.



## USB - micro USB/type C 2in1 cable 1 m

Model: CL-128

- ✓ Connectors:  
USB 2.0 A, male  
Micro USB/USB type C, male
- ✓ Output current: max. 2.1A
- ✓ Data transfer: up to 480Mbps
- ✓ The range of operation: data transfer, charging
- ✓ Works both ways
- ✓ Example use: Connecting a tablet or a smartphone to a charger or a computer



## iPhone 5/6 IOS8 cable 1 m

Model: CL-64

- ✓ Connectors:  
USB A, male  
Lightning 8 pin, male
- ✓ Compatible with iOS8, iPhone 5/5c/5s/6, iPad mini, iPad 4, iPod touch 5, iPod nano 7
- ✓ The range of operation: data transfer, charging
- ✓ Works both ways
- ✓ Example use: Connecting the Apple brand smartphone or tablet with a computer.



## USB - Lightning cable 1 m

Model: CL-73

## USB - Lightning cable 1 m

Model: CL-74

- ✓ Connectors:  
USB A, male  
Lightning 8 pin, male
- ✓ Compatible with iOS8, iPhone 5/5c/5s/6, iPad mini, iPad 4, iPod touch 5, iPod nano 7
- ✓ The range of operation: data transfer, charging
- ✓ Works both ways
- ✓ Example use: Connecting Apple brand smartphone or tablet with a computer



## USB - iPhone cable retractable 0,8m

Model: CL-71

- ✓ Connectors:  
USB 2.0 A, male  
Lightning 8 pin, male
- ✓ Compatible with iOS8, iPhone 5/5c/5s/6, iPad mini, iPad 4, iPod touch 5, iPod nano 7
- ✓ The range of operation: data transfer, charging
- ✓ Works both ways
- ✓ Example use: Connecting Apple brand smartphone or tablet with a computer



## USB - iPhone splitter retractable cable 0,8m

Model: CL-72

- ✓ Connectors:  
Lightning 8 pin, male, for iPhone 5  
Lightning 30 pin, male for iPhone 4  
Micro USB 2.0, male
- ✓ Compatible with iPhone 5/5c/5s/6, iPad mini, iPad 4, iPod touch 5, iPod nano 7, iPod air and other Apple brand products.
- ✓ The range of operation: data transfer, charging
- ✓ Works both ways
- ✓ Example use: Connecting a smartphone or a tablet to a charger or a computer.



## USB 2.0 extender 0,8m

Model: CL-68

## USB 2.0 extender 1,8m

Model: CL-69

- ✓ Connectors:  
USB 2.0 A, male  
USB 2.0 A, female
- ✓ 28AWG, OD:4.0mm
- ✓ The range of operation: data transfer
- ✓ Works both ways
- ✓ Example use: Extending USB input.



## USB port active extender 5m

Model: CL-76

## USB port active extender 10m

Model: CL-130

- ✓ Connectors:  
USB 2.0 AM, male  
USB 2.0A, female
- ✓ 28AWG/1P 26AWG/2C, OD 4.5mm
- ✓ The range of operation: data transfer
- ✓ Works both ways
- ✓ Example use: extending USB cable.



## USB-A - micro-B USB cable 1 m

Model: CL-11

- ✓ Connectors:  
USB A, male  
USB micro B, male
- ✓ Spiral cable
- ✓ The range of operation: data transfer, charging
- ✓ Works both ways
- ✓ Example use: Connecting a tablet or a smartphone to a charger or a computer.



## USB 2.0A - USB mini-B cable 1 m

Model: CL-12

- ✓ Connectors:  
USB A, male  
USB mini B, male
- ✓ Spiral Cable
- ✓ The range of operation: data transfer, charging
- ✓ Works both ways
- ✓ Example use: Connecting a tablet or a smartphone to a charger or a computer.



# COMPUTER ACCESSORIES

## USB 7.1 soundcard

Model: AK-01



- ✓ Connectors:
    - 3.5mm mini Jack, headphone
    - 3.5mm mini Jack, microphone
    - USB, male
  - ✓ Full 16-bit recording and playback without soundcard in a PC
  - ✓ 7.1 stereo system simulation
  - ✓ USB 2.0 interface
  - ✓ MPU-401 MIDI UART compatible MIDI interface and SoundBlaster MIDI.
  - ✓ Plug & Play – does not need additional drivers
  - ✓ Volume regulation on a device
  - ✓ Diode indicating the device operation
  - ✓ Mute button
- ✓ Example use: Connecting a microphone, headphones, speakers to a computer not equipped with a sound card. Can also be used as an additional headphone or microphone input.

## USB 7.1 soundcard

Model: AK-08



- ✓ Connectors:
    - 2x 3.5mm mini Jack, headphone
    - 2x 3.5mm mini Jack, microphone
    - USB, male
  - ✓ Full 16-bit recording and playback duplex without PC sound card
  - ✓ Stereo 7.1 system simulation
  - ✓ USB 2.0 interface
  - ✓ MPU-401 MIDI UART compatible MIDI interface and SoundBlaster MIDI
  - ✓ Plug & Play – does not need additional drivers
  - ✓ System requirements: Windows XP/Vista/7/8/8.1/10 with USB2.0 port
  - ✓ Volume regulation on a device
- ✓ Example use: Connecting a microphone, headphones, speakers to a computer not equipped with a sound card. Can also be used as an additional headphone or microphone input.

## SATA/IDE - IDE/SATA adapter

Model: AK-04



- ✓ Connectors:
    - PATA 40pin, female
    - SATA 7pin, female
  - ✓ High-quality IDE-SATA-SATA-IDE connector in one device
  - ✓ Element is mounted to a motherboard IDE port (IDE->SATA) or directly to a drive (SATA->IDE)
  - ✓ Works with all motherboards equipped with IDE(ATA 100/133)
  - ✓ Plug & Play – does not need additional drivers
- ✓ Example use:  
Enables to use SATA drives with motherboards equipped with IDE interface and also ATA drives with motherboards only having SATA interface.

## IDE SATA/ATA - USB 2.0 adapter

Model: AK-07



- ✓ Connectors:
    - IDE/ATA 3,5", 40pin female
    - IDE/ATA 2,5", 44pin female
    - SATA 7 pin
    - USB 2.0 male
  - ✓ Plug & Play device
  - ✓ Supports drives: 2.5", 3.5", 5.25"
  - ✓ In the set: USB 2.0 adapter for IDE/SATA(ATA100/133), power cable 17cm, SATA cable 24cm, power adapter (input 100-240V AC, 50/60Hz, 0.8A, output: 12V/2A, 5V/2A)
- ✓ Example use: IDE/SATA adapter is used to connect HDD drive, CD/CDRW-ROM, DVD/DVDRW-ROM, COMBO drive to a computer through USB port.

## USB 2.0 - RJ45 adapter

Model: CL-24



- ✓ Connectors:
    - USB A, male
    - LAN Fast Ethernet (RJ45)
  - ✓ Data transfer up to 100Mbps
  - ✓ Supports operating system: XP/VISTA/Win7, Win8, Win10 32/64
  - ✓ The range of operation: data transfer
- ✓ Example use:  
It functions as an external network card.

## USB 2.0 - RS 9-pin adapter

Model: CL-22



- ✓ Connectors:
    - USB A, male
    - RS-232 DB 9 pin, male
  - ✓ Data transfer more than 1Mbps
  - ✓ Supports remote wake up and power control
  - ✓ Supports operating systems: XP/VISTA/Win7/WIN8 32/64
  - ✓ The range of operation: data transfer
- ✓ Example use: Connecting a device with RS232 serial port with a computer equipped with a USB port.

## 3x IDE MOLEX power adapter

Model: AK-09

- ✓ Connectors:  
IDE Molex 4pin, male  
2x IDE 4 pin, male
- ✓ Length: 18cm
- ✓ Cable parameters: 12V DC/5V DC



- ✓ Example use:  
Powering hard drives and optical drives, internal ventilators.

## MOLEX - SATA power adapter

Model: AK-10

- ✓ Connectors:  
IDE Molex 4 pin, male  
SATA 15 pin, female
- ✓ Length: 18cm
- ✓ Cable parameters: 12V DC/5V DC



- ✓ Example use:  
Powering hard drives and SATA II optical drives using Molex socket.

## IDE MOLEX-SATA power adapter

Model: AK-11

- ✓ Connectors:  
IDE Molex 4 pin, male  
SATA 15 pin, female angular
- ✓ Length: 18cm
- ✓ Cable parameters: 12V DC/5V DC



- ✓ Example use:  
Powering hard drives and SATA II optical drives using Molex socket.

## IDE MOLEX - 2x SATA power adapter

Model: AK-12

- ✓ Connectors:  
IDE Molex 4 pin, female  
2x 15 pin SATA, female angular
- ✓ Length: 18cm
- ✓ Cable parameters: 12V DC/5V DC



- ✓ Example use:  
Powering hard drives and SATA II optical drives using Molex socket.

## IDE MOLEX - 2x SATA power adapter

Model: AK-13

- ✓ Connectors:  
IDE Molex 4pin, male  
2x 15 pin SATA, female
- ✓ Length: 18cm
- ✓ Cable parameters: 12V DC/5V DC



- ✓ Example use:  
Powering hard drives and SATA II optical drives using Molex socket.

## IDE MOLEX - 3x power adapter

Model: AK-15

- ✓ Connectors:  
IDE Molex 4 pin, male  
IDE Molex 4 pin, female  
IDE Molex 3 pin, male
- ✓ Length: 18cm
- ✓ Cable parameters: 12V DC/5V DC



- ✓ Example use: Powering hard drives optical drives, ventilators using Molex socket.

## 4x IDE MOLEX power adapter

Model: AK-16

- ✓ Connectors:  
IDE Molex 4pin, male  
3x IDE Molex 4 pin, female
- ✓ Length: 18cm
- ✓ Cable parameters: 12V DC/5V DC



- ✓ Example use:  
Powering hard drives and optical drives using the Molex socket.

## 3x SATA power adapter

Model: AK-17

- ✓ Connectors:  
SATA 15 pin, male  
2x SATA 15 pin, female
- ✓ Length: 18cm
- ✓ Cable parameters: 12V DC/5V DC



- ✓ Example use:  
Powering hard drives and SATA II optical drives using SATA socket.

## 2x IDE MOLEX - EPS power adapter

Model: AK-18

- ✓ Connectors:  
2x IDE Molex 4 pin male  
EPS 8 pin
- ✓ Length: 18cm
- ✓ Cable parameters: 12V DC/5V DC



- ✓ Example use:  
Additional processor powering.

## IDE MOLEX - 2x SATA power adapter

Model: AK-19

- ✓ Connectors:  
Ide Molex 4 pin, male  
2x 15 pin SATA, female angular
- ✓ Length: 18 cm
- ✓ Cable parameters: 12V DC/5V DC



- ✓ Example use:  
Powering hard drives and SATA II optical drives using Molex socket.

## Riser PCI-Express 1x - 16x, USB 3.0, 6 pins SATA

Model: AK-36

- ✓ Build in 6 pin power socket and 6 pin SATA adapter
- ✓ Fits all PCI-E 1x, 4x, 8x, 16x sockets
- ✓ Gold plated connectors enhancing the quality of the connection and lifespan of the device
- ✓ Compatible with PCI Express Version 1.0, 2.0 specification
- ✓ Fits type 1U/2U rack type case
- ✓ 4 build in condensation, that stabilise the power supply of the graphics card
- ✓ Compatible with PCI-E 1.0, 2.0 specification
- ✓ Plug & Play device



In the set:

Plate with PCI-E 1x – USB male socket  
 Plate with PCI-E 16x – USB female socket  
 USB 3.0 60cm long cable  
 SATA M – 6 pin M power cable

- ✓ Example use: Connecting a devices equipped with PCI-E 16x, 8x, 4x input to a PCI-E 1x input

## HDMI 4K/UHD connectors monitor emulator

Model: AK-37

- ✓ Emulating monitor for a cryptocurrency excavator
- ✓ Supports resolutions:  
 1920x1080 for HDMI 1.2 connector  
 3840 x 2160 (4K UHD) for HDMI 1.4 connectors
- ✓ Works on all operating systems: Windows, Linux, mac OS
- ✓ Plug & Play device
- ✓ Example use:  
 Emulating monitor, that is not physically plugged to a graphics card, enhancing the graphics card performance while mining cryptocurrency.



## SATA - PCI power adapter

Model: AK-20

- ✓ Connectors:  
 SATA 15 pin, male  
 PCI Express 6 pin, male
- ✓ Length: 18cm
- ✓ Cable Parameters: 12V DC/5V DC
- ✓ Example use:  
 Powering devices and graphics cards using SATA socket.



## Printer USB cable 1,8m

Model: CL-131

- ✓ Connectors:  
 USB 2.0, male  
 USB B, male
- ✓ 28 AWG
- ✓ Data transfer: 480Mbit/s
- ✓ High-quality copper cords
- ✓ Ferrite filter
- ✓ Works both ways
- ✓ Example use: Connecting a printer to a computer.



## USB - LPT male adapter

Model: CL-46

- ✓ Connectors:  
 USB A, male  
 Centronics IEEE 1284 36 pins, male
- ✓ Compatible with USB 2.0 and USB 1.1
- ✓ Transfer up to 2Mb/s
- ✓ Systems: 98SE/ME/2000/XP/7/8
- ✓ Plug & Play Device
- ✓ The range of operation: data transfer
- ✓ Works both ways
- ✓ Example use:  
 Connecting a printer to a computer.



## USB-LPT female adapter

Model: CL-47

- ✓ Connectors:  
 USB A, male  
 DB-25, female
- ✓ Compatible with USB 2.0 and USB 1.1
- ✓ Transfer up to 2Mb/s
- ✓ Systems: 98SE/ME/2000/XP/7/8
- ✓ Plug & Play device
- ✓ The range of operation: data transfer
- ✓ Works both ways
- ✓ Example use:  
 Connecting a printer to a computer.



## PCI-E to M2 NVME Adapter M-KEY

Model: AK-41

- ✓ M.2 disk interface supported
- ✓ Supported PCI-E interfaces: PCI-E 4x, PCI-E 8x, PCI-E16x
- ✓ Supported disk sizes: 2230, 2242, 2260, 2280
- ✓ The motherboard must support NVMe for proper operation
- ✓ Application example:  
 Mounting M.2 drives to the PCI-E expansion slot on the motherboard.





# WIRELESS COMMUNICATION

## Bluetooth 2.0 computer adapter

Model: BT-02

- ✓ Compatible with USB 2.0 and 1.1
- ✓ System requirements: Windows 2000/XP/Vista/7/10
- ✓ Compatible with Bluetooth 2.0 and 1.2
- ✓ Supports profile: Networking, Dial-up, Fax, LAN Access
- ✓ Data transmission bandwidth: 3Mbps
- ✓ Range: up to 20m
- ✓ Plug & Play device



- ✓ Example use:  
Wireless connection with any device using Bluetooth (smartphone, tablet, computer, mouse, keyboard, speaker, etc.)

## Bluetooth 4.0 computer adapter

Model: BT-040

- ✓ Compatible with USB 2.0 and 1.1
- ✓ System requirements: Windows 2000/XP/Vista/7/10
- ✓ Compatible with Bluetooth 4.0, 3.0 + HS, 2.1 + EDR and 2.0
- ✓ Supports profile: Networking, Dial-up, Fax, LAN Access
- ✓ Data transmission bandwidth: 3Mbps
- ✓ Range: up to 100m
- ✓ Plug & Play device



- ✓ Example use:  
Wireless connection with any device using Bluetooth (smartphone, tablet, computer, mouse, keyboard, speaker, etc.)

## Wi-Fi 12dBi 41 RP-SMA PODS antenna

Model: AK-05

- ✓ Working frequency: 2,400-2483GHz
- ✓ Energy profit: 9~12dBi
- ✓ Radiation angle vertically - 12°
- ✓ Radiation angle horizontally - 360°
- ✓ Polarisation: vertical
- ✓ Impedance: 50Ohm
- ✓ Work temperature: from -10°C to +60°C
- ✓ Maximal input power: 50W
- ✓ Cable length: 2m



- ✓ Example use:  
Omnidirectional antenna can be used in active devices (Access Point, wireless PCI or USB card), as well as in laptops equipped with RP-SMA port.

## Wi-Fi 12dBi 38cm RP-SMA PODS antenna

Model: AK-06

- ✓ Work frequency: 2,400 – 2,483 GHz
- ✓ Energy profit: 9~12dBi
- ✓ VSWR<1.5 Average
- ✓ Radiation angle vertically - 12°
- ✓ Radiation angle horizontally - 360°
- ✓ Polarisation: vertical
- ✓ Impedance: 50Ohm
- ✓ Work temperature: from -10°C to +60°C
- ✓ Maximal input power: 50W



- ✓ Example use:  
Omnidirectional antenna can be used in active devices (Access Point, wireless PCI or USB card), as well as in laptops equipped with RP-SMA port.

## Wi-Fi USB adapter

Model: CL-43

- ✓ Interface: USB
- ✓ Compatible with a standards: IEEE 802.11b, IEEE802.11g, IEEE802.11n
- ✓ System requirements: Windows 2000, XP, Vista, Windows 7/10, Linux
- ✓ Intelligent Energy Saver
- ✓ B49 Chip: Realtek RTL 8188CU
- ✓ Supports 64/128-bit WEP, WPA, WPA2 and WPS
- ✓ Power consumption: <1,5W



- ✓ Example use:  
Connecting Wi-Fi network to a computer

## Wi-Fi - USB adapter

Model: CL-63

- ✓ Interface: USB
- ✓ Compatible with a standards: IEEE 802.11b, IEEE802.11g, IEEE802.11n
- ✓ System requirements: Windows 2000/XP/ Vista/7/10, WIN CE, Linux, MAC OS
- ✓ Frequency: 2,4 ~ 2.4835 GHz
- ✓ 1 – 14 transmitting/receiving channels
- ✓ B49 Chip: Realtek RTL8188CU
- ✓ Supports 64/128-bit WPA, WPA-PSK, WPA2, WPA2-PSK, TKIP/AES
- ✓ Power consumption: <1,5W
- ✓ Maximum transmitting power: 20dBm
- ✓ External omnidirectional antenna 2dBi
- ✓ LED indicator



- ✓ Example use:  
Connecting Wi-Fi network to a computer, that does not have an internal Wi-Fi card.



# NETWORK CABLES

## Patchcord, UTP Cat. 5e 3m

Model: CLA-01

## Patchcord, UTP Cat. 5e 5m

Model: CLA-02

- ✓ Connectors: RJ45, male  
RJ45, male
- ✓ 26AWG, OD:5.0 mm
- ✓ Category UTP 5e
- ✓ Transferring data in a frequency band up to 100 MHz
- ✓ Bandwidth up to 1Gbit/s
- ✓ Applicable in networks: Full-duplex, Fast Ethernet 100Mbit/s, 1Gbit/s

- ✓ Example use: Connecting network devices with a computer.



## Patchcord, UTP Cat. 6 3m

Model: CLA-03

## Patchcord, UTP Cat. 6 5m

Model: CLA-04

- ✓ Connectors: RJ45, male  
RJ45, male
- ✓ 26AWG, OD:6.0 mm
- ✓ Category UTP 6
- ✓ Transferring data in a frequency band up to 250MHz
- ✓ Bandwidth up to 10Gbit/s
- ✓ Applicable in networks: Full-duplex, Fast Ethernet 100Mbit/s, 1Gbit/s

- ✓ Example use: Connecting network devices with a computer.



## Patchcord, UTP Cat. 6 1m

Model: CLA-07

- ✓ Connectors: RJ45, male  
RJ45, male
- ✓ 26AWG, OD:5.0mm
- ✓ Category FTP 6
- ✓ Shielded Patchcord – less vulnerable to external interference and minimize radio interference emission
- ✓ Transmitting data in a band frequency up to 250MHz
- ✓ Bandwidth up to 10Gbit/s
- ✓ Applicable in networks: Full-duplex, Fast Ethernet 100Mbit/s, 1Gbit/s

- ✓ Example use: Connecting network devices with a computer.



## Patchcord, FTP Cat. 6 3m

Model: CLA-08

- ✓ Connectors: RJ45, male  
RJ45, male
- ✓ 26AWG, OD:5.0 mm
- ✓ Category FTP 6
- ✓ Shielded Patchcord – less vulnerable to external interference and minimize radio interference emission
- ✓ Transferring data in a frequency band up to 250MHz
- ✓ Bandwidth up to 10Gbit/s
- ✓ Applicable in networks: Full-duplex, Fast Ethernet 100Mbit/s, 1Gbit/s

- ✓ Example use: Connecting network devices with a computer.



## Installation cord UTP Cat. 5e 305m

Model: CLA-05

- ✓ Connectors: none
- ✓ 26 AWG, OD:5.5mm
- ✓ Category UTP 5e
- ✓ Transferring data in a frequency band up to 100 MHz
- ✓ Bandwidth up to 1Gbit/s
- ✓ Applicable in networks: Full-duplex, Fast Ethernet 100Mbit/s, 1Gbit/s

- ✓ Example use: Connecting network devices with a computer.



## Installation cord UTP Cat. 6 305m

Model: CLA-06

- ✓ Connectors: none
- ✓ 26 AWG, OD:6.0mm
- ✓ Category UTP 6
- ✓ Wire – full copper
- ✓ Transferring data in a frequency band up to 250 MHz
- ✓ Bandwidth up to 10Gbit/s
- ✓ Applicable in networks: Full-duplex, Fast Ethernet 100Mbit/s, 1Gbit/s

- ✓ Example use: Connecting network devices with a computer.







# POWER SUPPLY

## Power cord 1,2m

Model: CL-67

- ✓ Connectors: IEC C5, female  
Hybrid C/E/F plug grounded, male
- ✓ 3\*0.5mm<sup>2</sup>, OD: 5.5mm
- ✓ Type: 3-pin
- ✓ Standard of the wire: H03VV-F
- ✓ Cable Parameters: 250V, 10A
- ✓ Work temperature: -30°C +80°C



- ✓ Example use: Power cord for laptops and portable projectors.

## Power cord 1,8m

Model: CL-81

- ✓ Connectors: IEC C5, female  
Hybrid C/E/F plug grounded, male
- ✓ 3\*0.5mm<sup>2</sup>, OD: 6mm
- ✓ Type: 3-pin
- ✓ Standard of the wire: H03VV-F
- ✓ Cable Parameters: 250V, 10A
- ✓ Work temperature: -30°C +80°C



- ✓ Example use: Power cord for laptops and portable projectors.

## Power cord 1,2m

Model: CL-89

- ✓ Connectors: IEC C13, female  
C/F Schuko, male
- ✓ 3\*0.5mm<sup>2</sup>, OD: 5.5mm
- ✓ Type: 3-pin
- ✓ Cable parameters: 250V max, 10A max



- ✓ Example use: Universal power cord for monitors, computers, printers, projectors.

## Power cord 1,2m

Model: CL-99

- ✓ Connectors: IEC C14, male  
IEC C13, female
- ✓ 3\*0.5mm<sup>2</sup>, OD: 5.5mm
- ✓ Type: 3-pin
- ✓ Cable parameters: 250V max, 10A max



- ✓ Example use: Extender for a universal power cord for monitors, computers and projectors.

## Power cord angular 1,8m

Model: CL-98

- ✓ Connectors: C/F Schuko, male, angular  
IEC C13, female
- ✓ 3\*0.5mm<sup>2</sup>, OD: 5.5mm
- ✓ Type: 3-pin
- ✓ Cable parameters: 250V max, 10A max



- ✓ Example use: Universal power cord for monitors, computers, printers, projectors.

## Power cord angular 1,2m

Model: CL-115

## Power cord angular 1,8m

Model: CL-116

- ✓ Connectors: C/F Schuko, male, angular  
IEC C13, female, angular
- ✓ 3\*0.5mm<sup>2</sup>, OD: 5.5mm
- ✓ Type: 3-pin
- ✓ Cable parameters: 250V max, 10A max



- ✓ Example use: Universal power cord for monitors, computers, printers, projectors.

## Power cord 1,2m

Model: CL-97

## Power cord 1,8m

Model: CL-100

## Power cord 3m

Model: CL-105

- ✓ Connectors: Moulded mains connector, male  
Euro (figure 8), female
- ✓ 2\*0.5mm<sup>2</sup>
- ✓ Type: 2-pin
- ✓ Cable parameters: 250V max, 5A max



- ✓ Example use: Universal power cord for radio, tape recorder or a TV.

## Power cord angular 1,2m

Model: CL-117

## Power cord angular 1,8m

Model: CL-118

- ✓ Connectors: Moulded power plug, male  
Euro (8 figure), female, angular
- ✓ 2\*0.5mm<sup>2</sup>
- ✓ Type: 2-pin
- ✓ Cable parameters: 250V max, 2,5A max



- ✓ Example use: Universal power cord for radio, tape recorder or a TV.

## 3.0A wall charger with Quick Charge technology support

Model: LA-03

- ✓ Input voltage: 100V-240V 50/60Hz
- ✓ Output voltage: 5V=3A/8V=2A/12V=1,5A
- ✓ Compatible with standards: Quick Charge 3.0, 2.0 and 1.0
- ✓ Protection: against overload current and overheating
- ✓ Example use: Charging a smartphone or a tablet.



SAVIO LA-03 charger is compatible with Quick Charge 3.0, 2.0 and 1.0 technology and thanks to that the devices can be charged up to 4-times faster.

## Power strip

- ✓ Rated Voltage: 230-250V/50Hz
- ✓ Max. load: 2500W
- ✓ Rated load current: 10A
- ✓ Protection against overvoltage: varistor (90J)

### Power strip 1,5m

Model: LZ-01 5 sockets

### Power strip 3m

Model: LZ-02 5 sockets

### Power strip 5m

Model: LZ-03 5 sockets

### Power strip 5m

Model: LZ-04 6 sockets



# AUDIO CABLES AND ACCESSORIES

## Speaker cord 10m 2x1.00mm<sup>2</sup>, OFC

Model: CLS-01

## Speaker cord 20m 2x1.00mm<sup>2</sup>, OFC

Model: CLS-02

- ✓ Wire cross-section 2x1.00mm<sup>2</sup>
- ✓ 18AWG, OD1.024mm
- ✓ Anaerobic copper cord OFC (Oxygen Free Copper) with high degree of purity 99,96%
- ✓ Elastic isolation
- ✓ Ensures clear and sharp sound

- ✓ Example use:  
Connecting a sound system.



## Speaker cord 10m 2x2.00mm<sup>2</sup>, OFC

Model: CLS-03

## Speaker cord 20m 2x2.00mm<sup>2</sup>, OFC

Model: CLS-04

- ✓ Wire cross-section 2x2.00mm<sup>2</sup>
- ✓ 14AWG, OD1.068mm
- ✓ Anaerobic copper cord OFC (Oxygen Free Copper) with a high degree of purity 99,96%
- ✓ Elastic isolation
- ✓ Ensures clear and sharp sound

- ✓ Example use:  
Connecting a sound system



## Optical cords

- ✓ Connectors(Optical SPDIF T-T Standard)  
Toslink, male  
Toslink, male
- ✓ OD:2.2mm
- ✓ Gold plated connectors
- ✓ Without the potential difference, transmission through a beam of light
- ✓ Multi-channel sound: DolbyDigital, Surround, DTS, Prologic
- ✓ Ensures crystal clear digital sound

- ✓ Example use:  
Connecting home cinema, TV, projector, receiver, amplifier, console, speaker set with a digital connector and other devices equipped with a Toslink type digital socket.

## Toslink optical cord 0,5m

Model: CLS-07

## Toslink optical cord 1m

Model: CLS-08

- ✓ Connectors (Optical SPDIF T-T Standard)  
Toslink, male  
Toslink, male
- ✓ OD:5.0mm
- ✓ Gold plated connectors
- ✓ Without the potential difference, transmission through a beam of light
- ✓ Multi-channel sound: DolbyDigital, Surround, DTS, Prologic
- ✓ Ensures crystal clear digital sound

- ✓ Example use:  
Connecting home cinema, TV, projector, receiver, amplifier, console, speaker set with a digital connector and other devices equipped with a Toslink type digital socket.



## Toslink optical cord 0,5m

Model: CLS-05

## Toslink optical cord 1m

Model: CLS-06

## Toslink optical cord 2m

Model: CLS-10

## Toslink optical cord 3m

Model: CLS-09



## Mini Jack 3.5mm audio cable 2m

Model: CLS-12

- ✓ Connectors:  
Mini Jack 3.5mm, male  
Mini Jack 3.5mm, male
- ✓ High-quality copper wires
- ✓ AUX stereo extender

- ✓ Example use:  
Connecting a smartphone with a home cinema or a car radio.



## Mini Jack 3.5mm - 2x RCA cable

Model: CLS-15

- ✓ Connectors:  
Mini Jack 3.5mm, male  
RCA (Cinch), male  
RCA (Cinch), male
- ✓ Gold plated connectors
- ✓ High-quality copper wires
- ✓ Example use:  
Transmitting an audio signal to a laptop equipped with a mini Jack 3.5mm socket to speakers with RCA (Cinch) connector.



## RCA - RCA audio cable 5m

Model: CLS-16

## RCA - RCA audio cable 3m

Model: CLS-17

- ✓ Connectors;  
2xRCA (Cinch), male  
2xRCA (Cinch), male
- ✓ OD:2.8 mm
- ✓ Gold plated
- ✓ High-quality copper wires
- ✓ Example use:  
Connecting active subwoofer to a home cinema amplifier.



## Audio/video RCA - RCA cable 2m

Model: CLS-14

- ✓ Connectors:  
3xRCA (Cinch), male  
3xRCA (Cinch), male
- ✓ Gold plated connectors
- ✓ High-quality copper wires
- ✓ Example use:  
Transmitting an analogue audio/video signal from a camera to a TV or a recorder.



## RCA - RCA audio cable 2m

Model: CLS-11

- ✓ Connectors:  
RCA (Cinch), male  
RCA (Cinch), male
- ✓ OD:2.8mm
- ✓ Gold plated connectors
- ✓ High quality copper wires
- ✓ Example use:  
Connecting active subwoofer to a home cinema amplifier.



## RCA - 2xRCA adapter

Model: CLS-18

- ✓ Connectors:  
RCA, male  
2xRCA, female
- ✓ Example use:  
Dividing a signal from one RCA (Cinch) on two RCA (Cinch) sockets.



## Mini Jack 3.5mm - 2xRCA audio adapter

Model: CLS-19

- ✓ Connectors:  
Mini Jack 3.5mm, stereo, male  
2xRCA, female
- ✓ Sample application:  
Dividing a signal from one RCA (Cinch) on two RCA (Cinch) sockets.



Best sound quality

# BLUETOOTH SPEAKERS

The Savio BS-02 wireless Bluetooth speaker is the best way to make your favorite music everywhere! Garden party, trip to the lake - from now on you can enjoy clean sound wherever you want. The loudspeaker has a handle so you can move or hang it anywhere. Thanks to the large battery, you can enjoy yourself and listen to music for a long time. You can send audio via Bluetooth via the USB input or the micro SD card slot. Savio BS-02 also has a built-in radio and hands-free function, which is a great conference organizer.

## Stereo Bluetooth speaker

Model: BS-021 Niebieski

Model: BS-022 Czerwony

Model: BS-023 Czarny

- ✔ Bluetooth version: 4.0 + EDR
- ✔ Output power: 2x5W Stereo
- ✔ Bluetooth range: up to 10m
- ✔ Impedance: 3Ω
- ✔ Battery capacity: 1200mAh
- ✔ Operating voltage: DC 5V
- ✔ SNR: ≥80dB
- ✔ Maximum volume: ≥90dB
- ✔ Frequency range: 120Hz - 20kHz
- ✔ Maximum USB capacity: 32GB
- ✔ Maximum capacity of SD card: 32GB
- ✔ FM radio frequency range: 87.5 - 108.0MHz
- ✔ Operating time: up to 7 hours (depending on the volume)
- ✔ Charging time: 2.5 hours
- ✔ Dimensions: 230x85x88mm
- ✔ Weight: 700g



## Bluetooth speaker

Niebieski Model: BS-011

Szary Model: BS-012

Czarny Model: BS-013

- Bluetooth version: v4.0 + EDR ✔
- Output power: 3W ✔
- Bluetooth range: up to 10m ✔
- Impedance: 4Ω ✔
- Battery capacity: 400mAh ✔
- Operating voltage: DC 5V ✔
- Maximum volume: ≥65dB ✔
- Frequency range: 100Hz - 18kHz ✔
- Maximum USB capacity: 32GB ✔
- Maximum capacity of SD card: 32GB ✔
- FM radio frequency range: 87.5 - 108.0MHz ✔
- Operating time: up to 4 hours (depending on volume) ✔
- Charging time: 1.5 hours ✔
- Dimensions: 115x75x36mm ✔
- Weight: 200g ✔



# BLUETOOTH EARPHONES

## Wireless Bluetooth Earphones

Model: WE-01

- ✔ Bluetooth version: 4.2
  - ✔ Range: up to 10m
  - ✔ Work time: up to 3 hours
  - ✔ Charging time: up to 1 hour
  - ✔ Stand-by time: up to 120 hours
  - ✔ Impedance: 16 Ω
  - ✔ Frequency response: 20HZ – 20kHz
  - ✔ Sensitivity: -38dB
  - ✔ Built-in microphone: Yes
  - ✔ Indicator LED diode: Yes
  - ✔ Weight: 10g
- ✔ Function keys allow: on/off the device, change track, answer/reject an incoming call, dialing the last selected number.



## Wireless Bluetooth Earphones

Model: WE-02

- ✔ Bluetooth version: 4.2
  - ✔ Range: up to 10m
  - ✔ Work time: up to 3 hours
  - ✔ Charging time: up to 1 hour
  - ✔ Stand-by time: up to 120 hours
  - ✔ Impedance: 16 Ω
  - ✔ Frequency response: 20HZ – 20kHz
  - ✔ Sensitivity: -38dB
  - ✔ Built-in microphone: Yes
  - ✔ Indicator LED diode: Yes
  - ✔ Weight: 10g
- ✔ Function keys allow: on/off the device, change track, answer/reject an incoming call, dialing the last selected number.



## Wireless Bluetooth Earphones

Model: WE-03

- ✔ Bluetooth version: 4.2
  - ✔ Range: up to 10m
  - ✔ Work time: up to 3 hours
  - ✔ Charging time: up to 1 hour
  - ✔ Stand-by time: up to 120 hours
  - ✔ Impedance: 16 Ω
  - ✔ Frequency response: 20HZ – 20kHz
  - ✔ Sensitivity: -38dB
  - ✔ Built-in microphone: Yes
  - ✔ Indicator LED diode: Yes
  - ✔ Weight: 16,4g
- ✔ Function keys allow: on/off the device, change track, answer/reject an incoming call, dialing the last selected number.



## Wireless Bluetooth Earphones

Model: TWS-01 Biały

Model: TWS-02 Czarny

- ✓ Bluetooth version: 4.2
  - ✓ Range: up to 10m
  - ✓ Earphones work time on a single charging cycle: up to 2 hours
  - ✓ Charging time: up to 1 hour
  - ✓ Stand-by time: up to 100 hours
  - ✓ Impedance: 16 Ω
  - ✓ Frequency response: 20HZ – 20kHz
  - ✓ Sensitivity: -38dB
  - ✓ Build in microphone: Yes
  - ✓ Indicator LED diode: Yes
  - ✓ Weight: 7,4g
- ✓ Function keys allow: on/off the device, change track, answer/reject an incoming call, dialling the last selected number.



## Wireless Bluetooth Earphones

Model: TWS-03

- ✓ Bluetooth version: 5.0
  - ✓ Working distance: up to 10 meters
  - ✓ Earphones work time on a single charging cycle: up to 5 h
  - ✓ Earphones charging time: up to 1,5 h
  - ✓ Standby time: up to 100 h
  - ✓ Impedance: 32 Ω
  - ✓ Frequency response: 20 Hz – 20 kHz
  - ✓ Sensitivity: -38 db
  - ✓ Built-in microphone: Yes
  - ✓ Earphones weight: 18,8 g
- ✓ Function keys allow: on/off earphones, selectionnext/previous track, play/pause, volume up/volume down, answer/reject incoming call, connection with the last selected number.



## Wireless Bluetooth Earphones

Model: TWS-04

- ✓ Bluetooth version: 5.0
  - ✓ Working Distance: up to 10 meters
  - ✓ Total earphones work time: up to 8 h (including power bank)
  - ✓ Earphones work time on a single charging cycle: up to 2 h
  - ✓ Earphones charging time: up to 1 h
  - ✓ Standby time: up to 100 h
  - ✓ Impedance: 16 Ω
  - ✓ Frequency Response: 20 Hz – 20 kHz
  - ✓ Sensitivity: -38 dB
  - ✓ Built-in microphone: Yes
  - ✓ Earphones weight: 8,2 g
- ✓ Function keys allow: on/off earphones, next track, play/pause, answer/reject incoming calls, connection with the last selected number.



## Wireless Bluetooth Earphones

Model: TWS-05

- ✓ Bluetooth version: 5.0
  - ✓ Working Distance: up to 10 meters
  - ✓ Total earphones work time: up to 17,5 h (including power bank)
  - ✓ Earphones work time on a single charging cycle: up to 2,5 h
  - ✓ Earphones charging time: up to 40 min
  - ✓ Standby time: up to 120 h
  - ✓ Impedance: 32 Ω
  - ✓ Frequency Response: 20 Hz – 20 kHz
  - ✓ Sensitivity: -42 dB
  - ✓ Built-in microphone: Yes
  - ✓ Earphones weight: 7,2 g
- ✓ Function keys allow: on/off earphones, next/previous track, play/pause, answer/reject incoming calls





## POWER BANKS

The power bank is available energy anywhere, anytime!

Thanks to the 20000mAh battery you can fully charge your phone, tablet or another device, wherever you want. Dual drive technology USB with intensity 2.1A allows charging your device faster. The automatic adaptation of charging power is compatible with devices from well-known brands: Apple, Samsung, Xiaomi, HTC, Google, Huawei, LG, Motorola, Nokia, Blackberry.

### Power bank 10000mAh

Model: BA-02

- ✔ Battery type: lithium-polymer
  - ✔ Capacity: 10000mAh
  - ✔ Input: Micro USB (5V/2.1A)
  - ✔ Outputs 2xUSB: 2.1A
  - ✔ Content of package: Micro USB cable, user manual
  - ✔ Dimensions: 13,6x6,8x1,5cm
  - ✔ Weight: 194g
- ✔ Protection:
    - overcharge/over-discharge protection
    - short-circuit protection
    - input/output overvoltage protection
    - over-temperature protection
  - ✔ Additional information:
    - LED charge level indicator
    - automatic detection of connection/disconnection of the device



### Power bank 20000mAh

Model: BA-03

- ✔ Battery type: lithium-polymer
  - ✔ Capacity: 20000mAh
  - ✔ Input: Micro USB (5V/2.1A), Type-C (5V/3A)
  - ✔ Outputs 2xUSB: 2.1A
  - ✔ Content of package: Micro USB cable, user manual
  - ✔ Dimensions: 14,1x7x2,8cm
  - ✔ Weight: 397g
- ✔ Protection:
    - overcharge/over-discharge protection
    - short-circuit protection
    - input/output overvoltage protection
    - over-temperature protection
  - ✔ Additional information:
    - LED charge level indicator
    - automatic detection of connection/disconnection of the device







## CAR ACCESSORIES

### FM transmitter

Model: TR-05

- ✓ Supports USB storage drives and SD cards up to 8GB
- ✓ Supports MP3 format
- ✓ LED screen shows frequency and volume
- ✓ USB 2.0 port
- ✓ Power supply 12V
- ✓ Frequency range: 87.5-108 MHz



### FM transmitter

Model: TR-08

- ✓ Supports USB storage drives and SD cards up to 8GB
- ✓ Supports MP3 format
- ✓ LED screen shows frequency and volume
- ✓ USB 2.0 port
- ✓ Power supply 12V
- ✓ Frequency range: 87.5-108 MHz



### FM transmitter with Bluetooth and charging function

Model: TR-09

- ✓ Supports USB storage drives up to 32GB
- ✓ Supports MP3 format
- ✓ LED screen shows frequency, number of played track, currency in the charging socket and Bluetooth connection status
- ✓ Ports: 2xUSB (with 2.4A charging function and music playback)
- ✓ Power supply: 12V/24V
- ✓ Frequency Range: 87.5-108 MHz
- ✓ Bluetooth version: 2.1 + EDR
- ✓ Additional functions: loudspeaker system (built-in microphone), A2DP support



### FM transmitter with Bluetooth and charging function

Model: TR-10

- ✓ Supports USB storage drives up to 32GB
- ✓ Supports MP3 format
- ✓ LED screen shows frequency, number of played track, currency in the charging socket, and Bluetooth connection status
- ✓ Ports: 2xUSB (with 2.4A charging function and music playback)
- ✓ Power supply: 12V/24V
- ✓ Frequency Range: 87.5-108 MHz
- ✓ Bluetooth version: 2.1 + EDR
- ✓ Additional functions: loudspeaker system (built-in microphone), A2DP support



### Bluetooth audio transmitter/adapter

Model: TR-11/W White

### Bluetooth audio transmitter/adapter

Model: TR-11/B Black

- ✓ Range: up to 15m
- ✓ Work time: approx. 3 hours
- ✓ Charging time: approx. 30 minutes
- ✓ Build in microphone
- ✓ Indicating diode
- ✓ In the set with the adapter:  
Jack 3.5mm – Jack 3.5mm,  
Charging cable  
Jack 3.5mm – Jack 3.5mm cable



Wireless Bluetooth adapter is a compact device, that combines features of a Bluetooth receiver and loudspeaker functions. Thanks to the Savio TR-11 adapter, you can make wireless headphones from regular headphones, Bluetooth speakers from regular speakers, in a quick and comfortable way or You can use it as a car transmitter.

### Cassette - car adapter

Model: TR-07

- ✓ Enables music playback from a device with headphone socket (i.e. MP3 players, Discmans, smartphones, tablets)
- ✓ Has a cord with a mini Jack3.5mm connector
- ✓ Auto reverse function
- ✓ Stereo sound
- ✓ Noise reduction system ensures a high quality of transmitted sound



### Magnetic holder

Model: CH-01

- ✓ Ventilation car cage mounted
- ✓ 4 strong magnets of various shape, covered with glue. Two metal plates, that enables to mount the smartphone, that can be hidden under the case or a flap
- ✓ Ultra-thin plates does not cause deformation of a flap or case and does not bother when the plate is stuck to the back of a smartphone.
- ✓ Fits every device



## Car charger 3.0A 2xUSB

Model: SA-06/W White

## Car charger 3.0A 2xUSB

Model: SA-06/B Black

- ✓ Input voltage: 12V/24V
- ✓ Output Voltage 1 (green socket): 3.6V-6.5V/3A, 6.5V-9V/2A, 9V-12V/1.5A
- ✓ Output voltage 2: 5V/2.4A
- ✓ Led diode indicates the work of the device
- ✓ Protection: from overvoltage and short-circuits; from overloading and overheat
- ✓ Compatible with standards: Quick Charge 3.0, 2.0 and 1.0
- ✓ Size: 68 x 30.8 x 30.8mm



## Car charger 3.0A USB

Model: SA-05/W White

## Car charger 3.0A 2xUSB

Model: SA-05/B Black

- ✓ Input voltage: 12V/24V
- ✓ Output Voltage: 3.6V-6.5V/3A, 6.5V-9V/2A, 9V-12V/1.5A
- ✓ Led diode indicates the work of the device
- ✓ Protection: from overvoltage and short-circuits; from overloading and overheat
- ✓ Compatible with standards: Quick Charge 3.0, 2.0 and 1.0
- ✓ Size: 50 x 24.5 x 19.6mm



## Car charger 2xUSB

Model: SA-03

- ✓ Car charger 2xUSB
- ✓ Input voltage: 12V
- ✓ Output voltage: 5.0V 1000mA
- ✓ Protection from overloading
- ✓ Colour: white/black



## Car charger 2xUSB 3.1A

Model: SA-04

- ✓ Car charger 2xUSB
- ✓ Input voltage: 12V
- ✓ Output voltage: 5.0V 3100mA
- ✓ Protection from overloading
- ✓ Colour: black



## Car charger 1xUSB

Model: SA-02

- ✓ Car charger: 1 x USB
- ✓ Input voltage: 12V
- ✓ Output voltage: 5.0V 500mA
- ✓ Led diode indicating work
- ✓ Colour: white/black



## Car divider 12V with USB

Model: SA-023

- ✓ 3 socket divider
- ✓ Output: 3 x 12V/24V
- ✓ USB output: 5V/500mA max
- ✓ Has a fuse
- ✓ Has a power supply indicating diode



QUICK CHARGE 3.0

CHARGE UP  
TO 4X TIMES  
FASTER





# PARKING SENSORS

## Parking sensors

Model: CP-03/S Silver

## Parking sensors

Model: CP-03/B Black

- ✓ Nominal voltage: 9-15V
- ✓ Power supply: 12V
- ✓ Energy consumption: <0,5W
- ✓ Range of operation: 0.3-2.0m
- ✓ Sensor diameter: 22mm
- ✓ Sensor's angle of view: 60°
- ✓ The volume of the sound signal: 65DB
- ✓ Work temperature: from -30°C to +80°C

### Display screen technical specification:

- ✓ Nominal voltage: 9-15V
- ✓ Power supply: 12V
- ✓ Energy consumption: <3
- ✓ Work temperature: from -30°C to +80°C



## Parking sensors

Model: CP-02/S Silver

## Parking sensors

Model: CP-02/B Black

- ✓ Nominal voltage: 9-15V
- ✓ Power supply: 12V
- ✓ Energy consumption: <0,5W
- ✓ Range of operation: 0.3-2.0m
- ✓ Sensor diameter: 22mm
- ✓ Sensor's angle of view: 60°
- ✓ The volume of the sound signal: 65DB
- ✓ Work temperature: from -30°C to +80°C

### Display screen technical specification:

- ✓ Nominal voltage: 9-15V
- ✓ Power supply: 12V
- ✓ Energy consumption: <3W
- ✓ Work temperature: from -30°C to +80°C



## Parking sensors

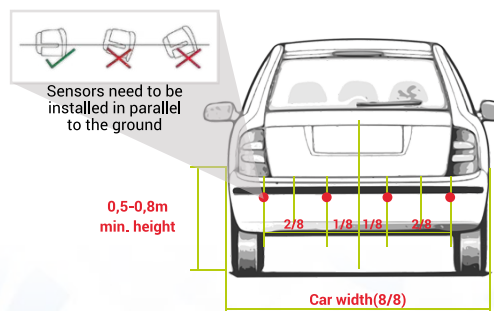
Model: CP-01/B Black

- ✓ Nominal voltage: 9-15V
- ✓ Power supply: 12V
- ✓ Energy consumption: <0,5W
- ✓ Range of operation: 0.3-2.0m
- ✓ Sensor diameter: 22mm
- ✓ Sensor's angle of view: 60°
- ✓ The volume of the sound signal: 65DB
- ✓ Work temperature: from -30°C to +80°C



### Mount scheme:

1. Measure the correct distance
2. Make holes (hole saw included)
3. Install the sensors, connect the wires





## PHOTOGRAPHIC PAPER

Photo paper	Format	Weight	Package	Type
Model: PA-01	A6	180g/m <sup>2</sup>	50pcs	gloss
Model: PA-02	A6	115g/m <sup>2</sup>	50pcs	gloss
Model: PA-03	A6	150g/m <sup>2</sup>	50pcs	gloss
Model: PA-04	A6	180g/m <sup>2</sup>	50pcs	gloss
Model: PA-05	A6	210g/m <sup>2</sup>	50pcs	gloss
Model: PA-17	A6	260g/m <sup>2</sup>	20pcs	gloss
Model: PA-06	A4	180g/m <sup>2</sup>	20pcs	matt
Model: PA-07	A4	180g/m <sup>2</sup>	20pcs	gloss
Model: PA-08	A4	210g/m <sup>2</sup>	20pcs	gloss
Model: PA-09	A4	150g/m <sup>2</sup>	50pcs	gloss
Model: PA-10	A4	220g/m <sup>2</sup>	50pcs	matt both sides
Model: PA-11	A4	128g/m <sup>2</sup>	100pcs	matt
Model: PA-12	A4	210g/m <sup>2</sup>	50pcs	gloss
Model: PA-13	A4	115g/m <sup>2</sup>	100pcs	gloss
Model: PA-14	A4	150g/m <sup>2</sup>	100pcs	gloss
Model: PA-15	A4	180g/m <sup>2</sup>	100pcs	gloss
Model: PA-16	A4	260g/m <sup>2</sup>	20pcs	gloss



# OTHERS

## Hand 3D printer

Model: DRP-040

- ✓ Type of supported filaments: ABS/PLA
- ✓ Filament diameter: 1.75mm
- ✓ The diameter of the printing nozzle: 0.7mm
- ✓ Work temperature range: from 160°C to 230°C
- ✓ AC adapter: AC-110-230V, DC12V

The content of the package:

- ✓ Hand 3D printer – Savio DRP-04 Creative Design
- ✓ AC Adapter
- ✓ Desk stand
- ✓ 3 colours filament
- ✓ User manual

### What can you do with the Savio 3D pen?

Printing with a Savio 3D pen is incredible fun. It allows to put a drawing into a 3D world. The 3D print is at your fingertips, and imagination is your only limit. Start to create dimensional solids, toys an even a jewellery. Start a 3D fun creating and drawing whatever You like.



## Set of filaments for 3D printers 6x3m Full Color

Model: DRP-041

- ✓ ABS, 1.75mm
- ✓ 6 colours x 3m:  
Black  
Red  
Yellow  
Blue  
Green  
Pink



- ✓ High-quality ABS filament of a 1.75mm diameter. Fits all devices working on materials of this diameter. It is recommended for 3D pens as well as 3D printers. Recommended temperature of print: from 180°C to 230°C

## Set of filaments for 3D printers 6x3m transparent

Model: DRP-042

- ✓ ABS, 1.75mm
- ✓ 6 colours x 3m:  
Green  
Blue  
Red  
Orange  
Yellow  
Ivory



- ✓ High-quality ABS filament of a 1.75mm diameter. Fits all devices working on materials of this diameter. It is recommended for 3D pens as well as 3D printers. Recommended temperature of print: from 180°C to 230°C

## Cable organizer, black, 10m

Model: OC-01/B Black



## Cable organizer, black, 3m

Model: OC-02/B Black

- ✓ Cable and cords organiser in shape of tape with a velcro
- ✓ Can be used multiple times
- ✓ Possible to cut and adjust the right length of tape to any bundle and diameter of wires.

- ✓ Example use: Tying the cords in one beam.

## Cable organizer, Grey, 10m

Model: OC-03/B Grey



## Cable organizer, Grey, 3m

Model: OC-04/B Grey

- ✓ Cable and cords organiser in shape of tape with a velcro
- ✓ Can be used multiple times
- ✓ Possible to cut and adjust the suitable length of tape to any bundle and diameter of wires.

- ✓ Example use: Tying the cords in one beam.



# SAVIO

ENTER THE GAME

A NEW BRAND IS ENTERING THE GAME



## SAVIO GAMING

### PROFESSIONAL GAMING MOUSEPADS

Two versions of surface:

- **Turbo Dynamic** (mouse pad surface that provides better dynamic),
- **Precision Control** (mouse pad surface that provides better precision).

Anti-slip rubber base keeps the mouse pad from sliding during use.

High quality material provides high precision and smooth the motion of a mouse.

Stitched edge design provides durability and prevents edge fraying during intensive use.

The texture of the mouse pad surface works with all kinds of mouse sensors.



### TWO VERSIONS OF SURFACE



**SPEED TYPE SURFACE  
ENSURES FAST MOVEMENT**



**CONTROL TYPE SURFACE  
ENSURES PRECISE MOVEMENT**

## PRECISION CONTROL

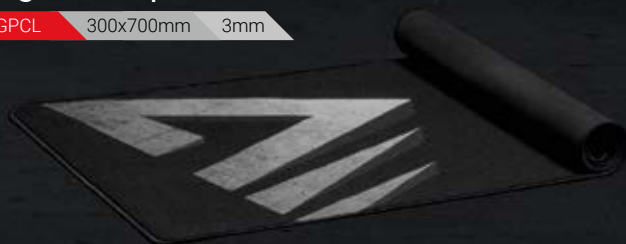
### Gaming mousepad Precision Control S

Model: GPCS 250x250mm 2mm



### Gaming mousepad Precision Control L

Model: GGPC L 300x700mm 3mm



### Gaming mousepad Precision Control XL

Model: GPCXL 400x900mm 3mm



### Gaming mousepad Precision Control XXL

Model: GGPCXXL 500x1000mm 3mm



## TURBO DYNAMIC

### Gaming mousepad Turbo Dynamic S

Model: GTDS 250x250mm 2mm



### Gaming mousepad Turbo Dynamic M

Model: GTDM 450x450mm 3mm



### Gaming mousepad Turbo Dynamic L

Model: GTDL 300x700mm 3mm



### Gaming mousepad Turbo DynamicXL

Model: GTDXL 400x900mm 3mm



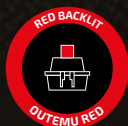
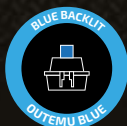
### Gaming mousepad Turbo Dynamic XXL

Model: GTDXXL 500x1000mm 3mm





## TEMPEST RX MECHANICAL KEYBOARDS



Gaming keyboard TEMPEST RX Switch Outemu Blue

Model: TEMPEST RX BLUE

Gaming keyboard TEMPEST RX Switch Outemu Red

Model: TEMPEST RX RED

Gaming keyboard TEMPEST RX Switch Outemu Brown

Model: TEMPEST RX BROWN

Interfejs: USB  
Przełączniki: Outemu Blue/Red/Brown  
(w zależności od modelu)  
Ilość klawiszy: 87  
Żywotność klawiszy: 50 000 000 kliknięć  
Długość kabla: 1,5m  
Wymiary klawiatury: 357x125x38mm  
Waga klawiatury: 830g  
Układ klawiszy: US



### 3 COLORS OF BACKLIGHTS

**Blue** - for switches OUEMU Blue  
**Green** - for switches OUEMU Brown  
**Red** - for switches OUEMU Red



### 3 TYPES OF OUEM SWITCHES



Our Tempest RX series is equipped with high-class OUEMU switches that will meet even the most demanding challenges posed by players. You can choose from three color versions: BLUE/RED/BROWN, which is different in strength, the volume of operation and the moment of activation.

**Switch BLUE** - is the most classic. It has a palpable activation moment with a simultaneous click.

**Switch RED** - is the quietest. It is a linear, fluent switch. There is no perceptible moment of activation. Switch RED is perfect for text writing.

**Switch BROWN** - is a compromise. It is a silent switch, you can feel the delicate response at the time of activation.



## TKL (TENKEYLESS)

The advanced mechanical keyboard TK is a short tournament keyboard, without a number block and was created for players by players. Thanks to this solution you have more space on your desk and you do not feel a lack of comfort when you play.



357x125x38mm



## FULL ANTI-GHOSTING

We used **Anti-Ghosting** and **N-KRO** (N-Key Rollover technology) in our keyboards. It means that each key is registered regardless of the number of keys pressed. That technology and used WinKey lock are helpful during virtual games.

## 10 MODES BACKLIGHT



Remarkable lighting effects and the ability to personalize the backlight of the keys to your needs, stable metal surface will increase comfort during use, regardless of the color version and switches.



**SAVIO**  
ENTER THE GAME

# VERTIGO

## PROFESSIONAL GAMING 7.1 HEADSET

Model: VERTIGO

Type of headset: Virtual 7.1  
Kind of headset: Closed  
Interface: USB  
Cable length: 2,4m  
Weight: 370g

Technical specification of headset  
Speaker diameter: 50mm  
Impedance: 32Ohm +/- 15%  
Sensitivity: 116dB +/- 3dB  
Frequency range: 20Hz - 20000Hz

Technical specification of microphone  
Impedance: 2.2kOhm  
Sensitivity: -56dB +/- 2dB  
Frequency range: 20Hz - 20000Hz  
Microphone type: Retractable



RETRACTABLE  
MICROPHONE



PILOT NA KABLU  
W OPŁOCIE



## ODKRYJ MAGIĘ DŹWIĘKU 7.1



VIRTUAL  
SURROUND 7.1



7.1 Virtual Surround technology allows with incredible precision to determine the direction from which sounds arrive, as well as its distance and depth. It is thanks to this you will ensure a clear advantage over your opponents in every game.

Modern design, lightweight construction, and contoured, soft ear pads make the VERTIGO synonymous with uncompromising comfort and high-quality sound.

Take the fun to a higher level, plunge into a virtual fight and enjoy the game like never before.

# STRIKE

## PROFESSIONAL GAMING HEADSET

Model: STRIKE

Type of headset: Stereo  
 Kind of headset: Closed  
 Interface: Jack 2 x 3,5mm + USB  
 Cable length: 2m  
 Weight: 350g

Technical specification of headset  
 Speaker diameter: 40mm  
 Impedance: 32Ohm +/- 15%  
 Sensitivity: 118dB +/- 3dB  
 Frequency range: 20Hz - 20000Hz

Technical specification of microphone  
 Impedance: 2.2kOhm  
 Sensitivity: -36dB +/- 3dB  
 Frequency range: 20Hz - 20000Hz



VERY LIGHT AND COMFORTABLE SHAPE



RETRACTABLE MICROPHONE



# FORGE

## PROFESSIONAL GAMING HEADSET

Model: FORGE

Type of headset: Stereo  
 Kind of headset: Closed  
 Interface: Jack 3,5mm + PC adapter  
 Cable length: 2,2m  
 Weight: 350g

Technical specification of headset  
 Speaker diameter: 50mm  
 Impedance: 32Ohm +/- 15%  
 Sensitivity: 105dB +/- 3dB  
 Frequency range: 20Hz - 20000Hz

Technical specification of microphone  
 Impedance: 2.2kOhm  
 Sensitivity: -42dB +/- 3dB  
 Frequency range: 10Hz - 16000Hz



VERY LIGHT AND COMFORTABLE SHAPE



RETRACTABLE MICROPHONE



COMPATIBLE WITH: PLAYSTATION, XBOX, PC, LAPTOP, SMARTPHONE



# DEDICATED HDMI v2.0 CABLES

PROFESSIONAL GAMING  
HDMI V2.0 CABLE

DEDICATED TO:



## HDMI V2.0 HIGH SPEED WITH ETHERNET

Ethernet support up to 100 Mb / sec.  
3D image support, Deep Color and HDR  
Audio Return Channel  
Dolby TrueHD and DTS-HD Master Audio multi-channel audio support  
Supports high resolutions up to 4K x 2K (max 4096x2160p 60 Hz and 1080p@240 Hz)  
Maximum signal bandwidth: 600MHz  
Maximum bit rate TMDS: 18.00Gbit /s  
Maximum video bit rate: 14.40Gbit /s  
HDR  
Dual View & 4 audio streams  
Gold plated plugs 24k  
Full shielding of signal wires – resistant to external interference  
OFC oxygen-free conductors with a high degree of purity (99.96%)  
No loss in the transmission of high image and sound quality  
Compatible with previous versions 1.0-1.4

Example use:  
Transfer of the video and sound from a computer, console, laptop, tuner, DVBT to the TV.

### HDMI cable v2.0, 1,8m

Model: GCL-01 HDMI A male 30 AWG OD: 6.0mm PC

### HDMI cable v2.0, 1,8m

Model: GCL-02 HDMI A male 30 AWG OD: 6.0mm PlayStation

### HDMI cable v2.0, 1,8m

Model: GCL-03 HDMI A male 30 AWG OD: 6.0mm Xbox

### HDMI cable v2.0, 3m

Model: GCL-04 HDMI A male 30 AWG OD: 6.0mm PC

### HDMI cable v2.0, 3m

Model: GCL-05 HDMI A male 30 AWG OD: 6.0mm PlayStation

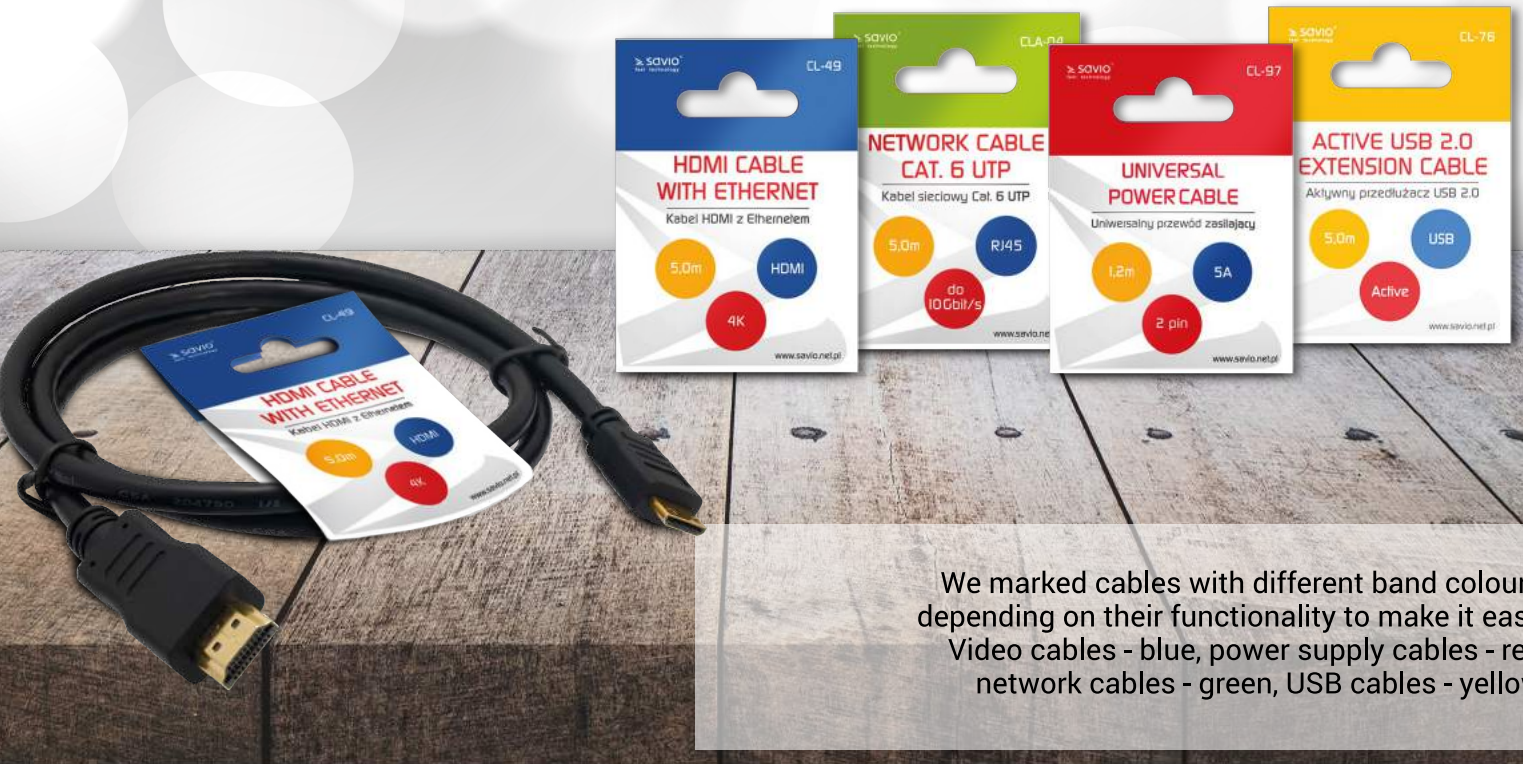
### HDMI cable v2.0, 3m

Model: GCL-06 HDMI A male 30 AWG OD: 6.0mm Xbox



# Packaging types

## Cardboard bands



We marked cables with different band colours, depending on their functionality to make it easy. Video cables - blue, power supply cables - red, network cables - green, USB cables - yellow.

## String bags



String bags in two sizes additionally there is a detailed specification written on the back.

# Packaging types

## Blisters



Plastic blisters with euro hole. The name is written in two languages with the most important information marked. There is also a detailed specification placed on the back.

## Standing and hanging boxes



Cardboard boxes in standing version or hanging version with euro hole. Name in two languages with the most important information written and with detailed specification placed on the back.

There are at least four reasons, that you should introduce Savio products to your company offer:

## 1 You know what You buy



It sometimes happens that neither the client nor the salesman knows exactly what cable they need to connect two devices. It is not a surprise, with a huge amount of types of connectors and standards of signal transmission in connection. With every cable and adapter Savio, you will find a precise explanation, of what you can connect with it. All the information is right on the package, as well as in the product catalogue and on the internet site. Also, products from other categories have detailed information about their functions and applications.

## 2 We know what we sell



In Savio, every lot of our products is precisely checked before introducing it on the market. Our employees conduct tests of all technical parameters and functionality of our particular products. We specifically pay attention to safety and durability for overload and voltage spikes. Results of every test are saved and recorded, and based on them the decisions are made about optimising of production method.

### 3 We help expressly



Thanks to the very small number of complaints, we give a warranty, that every complaint will be dealt with by our service in 48 hours from the moment of receiving the parcel. In this time we will check the reason of complaint, we will qualify it (repair, exchange, correction invoice) and we will send the return parcel and will inform you about the course of the case, that you immediately can contact with your client. The term warranty covers the working days and does not apply to individual customers.

### 4 We have optimal prices



Why our prices are low? Because we worked out great conditions of cooperation with our partners, and to prices of our products we do not have to add a cost of a satin layout of the package or a television advertisement, sponsor actions, banquets and payments for the celebrities pretending to recommend us.

We give you the maximum "product in the product". And why not always we are the cheapest? Because we do not want to introduce products to the market, that do not meet the declared parameters, that always get broken, and are not safe to use.



Brand owner:  
**Elmak Sp. z o.o.**

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e-mail: [elmak@elmak.pl](mailto:elmak@elmak.pl)  
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Sales department:  
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e-mail: [zamowienia@elmak.pl](mailto:zamowienia@elmak.pl)

[www.savio.net.pl](http://www.savio.net.pl)