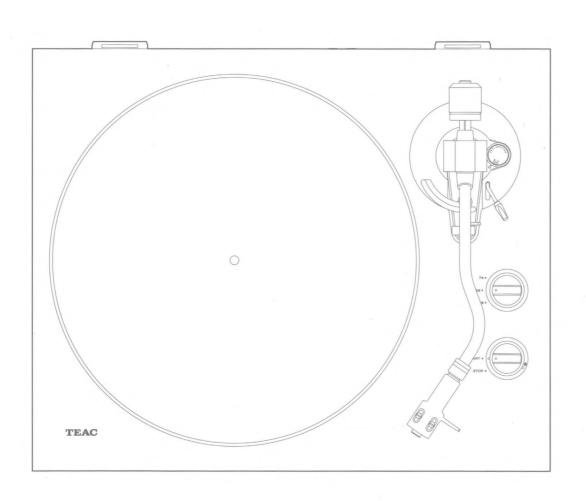
TN-400BT-X



アナログターンテーブル ANALOG TURNTABLE

取扱説明書

OWNER'S MANUAL
MODE D'EMPLOI
MANUAL DEL USUARIO
BEDIENUNGSANLEITUNG
MANUALE DI ISTRUZIONI
GEBRUIKSAANWIJZING
BRUKSANVISNING



IMPORTANT SAFETY INSTRUCTIONS



CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



The lightning flash with arrowhead in an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that could be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point in an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION

- DO NOT REMOVE THE EXTERNAL CASES OR CABINETS TO EXPOSE THE ELECTRONICS. NO USER SERVICEABLE PARTS ARE INSIDE.
- IF YOU ARE EXPERIENCING PROBLEMS WITH THIS PRODUCT, CONTACT THE STORE WHERE YOU PURCHASED THE UNIT FOR A SERVICE REFERRAL. DO NOT USE THE PRODUCT UNTIL IT HAS BEEN REPAIRED.
- USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE
 OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN
 MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.
- 1) Read these instructions.
- 2) Keep these instructions.
- Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- 10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
 - The apparatus draws nominal non-operating power from the AC outlet with its POWER or STANDBY/ON switch not in the ON position.
 - The mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
 - Caution should be taken when using earphones or headphones with the product because excessive sound pressure (volume) from earphones or headphones can cause hearing loss.

IN USA/CANADA, USE ONLY ON 120V SUPPLY.

CAUTION

- Do not expose this apparatus to drips or splashes.
- Do not place any objects filled with liquids, such as vases, on the apparatus.
- Do not install this apparatus in a confined space such as a book case or similar unit.
- The apparatus should be located close enough to the AC outlet so that you can easily reach the power cord plug at any time.

Model for USA

Declaration of Conformity



Trade name: TEAC

Responsible party: 11 Trading Company, LLC

Address: 3502 Woodview Trace #200 Indianapolis, IN 46268 U.S.A.

URL: https://11tradingcompany.com/contact-us/ Telephone number: 1-201-785-2600

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

 Reorient or relocate the equipment and/or the receiving antenna.

Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Model for Canada

Innovation, Science and Economic Development Canada's Compliance Statement:

This Class B digital apparatus complies with Canadian ICES-003.

Model for Europe

For European Customers

Disposal of electrical and electronic equipment and batteries and/or accumulators

- a) All electrical/electronic equipment and waste batteries/ accumulators should be disposed of separately from the municipal waste stream via collection facilities designated by the government or local authorities.
- b) By disposing of electrical/electronic equipment and waste batteries/accumulators correctly, you will help save valuable resources and prevent any potential negative effects on human health and the environment.
- c) Improper disposal of waste electrical/electronic equipment and batteries/accumulators can have serious effects on the environment and human health because of the presence of hazardous substances in the equipment.
- d) The Waste Electrical and Electronic Equipment
 (WEEE) symbols, which show wheeled bins that
 have been crossed out, indicate that electrical/
 electronic equipment and batteries/accumulators
 must be collected and disposed of separately from household waste.
 - If a battery or accumulator contains more than the specified values of lead (Pb), mercury (Hg), and/or cadmium (Cd) as defined in the Battery Pb, Hg, Cd Directive (2006/66/EC, 2013/56/EU), then the chemical symbols for those elements will be indicated beneath the WEEE symbol.
- e) Return and collection systems are available to end users. For more detailed information about the disposal of old electrical/electronic equipment and waste batteries/accumulators, please contact your city office, waste disposal service or the shop where you purchased the equipment.

Compliance of radio transmitter and interference

This product has the function of broadband transmitter using 24GHz Rand

Use frequency range: 2402 MHz - 2480 MHz

Maximum output power: Bluetooth® Class 2 (less than 2.5 mW)

Please use only in the country where you purchased the product. Depending on the country, restrictions on the use of Bluetooth wireless technology might exist.

Model for USA

Labeling of authorization FCC ID: XEG-TN400BT-X

Model for Canada

Compliance of radio transmitter

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1) This device may not cause interference.
- This device must accept any interference, including interference that may cause undesired operation of the device.

Labeling of authorization IC: 1559C-TN400BTX

Model for EEA (European Economic Area)



Hereby, TEAC Corporation declares that the radio equipment type is in compliance with Directive 2014/53/EU., and the other Directives, and Commission Regulations.

Model for UK

Hereby, TEAC CORPORATION declares that the radio equipment type is in compliance with UK Radio Equipment Regulations.



The full text of the EU or UK declaration of conformity is available at the following internet address. Please contact us by e-mail.

https://teacsupport.agipa.com/

TEAC Corporation

1-47 Ochiai, Tama-shi, Tokyo, 206-8530, Japan

Radiation Exposure requirements

This equipment meets the regulation, which is recognized internationally, for the case of human exposure to radio waves generated by the transmitter.

Statement of compliance

Model for USA/Canada

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment has very low levels of RF energy that it deemed to comply without maximum permissive exposure evaluation (MPE). But it is desirable that it should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

Model for EEA and UK

This equipment complies with EN.62479; Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by TEAC CORPORATION is under license.

Qualcomm aptX is a product of Qualcomm Technologies, Inc. and/or its subsidiaries.

Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries. aptX is a trademark of Qualcomm Technologies International, Ltd., registered in the United States and other countries.

Other company names, product names and logos in this document are the trademarks or registered trademarks of their respective owners.

Table of contents

Thank you for choosing TEAC.

Read this manual carefully to get the best performance from this unit.

After reading it, keep it in a safe place for future reference.

IMPORTANT SAFETY INSTRUCTIONS	2
Before use1	4
Handling records	4
Preparing the record player	5
Dust cover	6
Notes about record styluses	7
Changing the cartridge	7
Names and functions of parts	7
Connections	8
Basic operation	9
Listening with Bluetooth® speakers	0.0
Troubleshooting	0.0
Specifications 2	1

Before use

Included items

Check to be sure the box includes all the supplied accessories shown below. Please contact the store where you purchased this unit if any of these accessories are missing or have been damaged during transportation.

Felt mat × 1

45 RPM adapter × 1

Counterweight x 1

Headshell \times 1

Audio-Technica VM Type (dual magnet) stereo cartridge (AT95E) preinstalled

Platter x 1

Dust cover x 1

Dust cover hinges × 2

RCA audio cable with grounding terminal × 1

AC adapter (GPE053A-V120050) × 1

Owner's manual (this document, including warranty) × 1

 For information about the warranty, users living in the USA and Canada should see page 82 and the back cover (warranty document). Users living in Europe and other regions should see page 83.

Using the TEAC International Site

You can download updates for this unit from the TEAC International Site:

https://teac.jp/int/

Click Language at the top right of the page and select the desired country or region to access a page in the corresponding language.

Precautions for use

- Place the unit on a flat surface.
- Do not place anything on the dust cover. Objects on the cover might cause noise due to vibrations or fall off, especially during playback.
- Avoid placing the unit in direct sunlight, close to a source
 of heat or in other similar conditions. Do not place the
 unit on top of an amplifier or other equipment that might
 generate heat that exceeds the operating temperature
 range of this unit. Doing so could cause discoloration,
 deformation or malfunction.
- As the unit could become warm during operation, always leave sufficient space around it for ventilation. When installing this unit, leave a little space (at least 20 cm (8")) between it and other devices and walls to allow good heat dissipation.
- When placing it in a rack, for example, leave at least 35 cm (13 3/4") open above it and 10 cm (4") open behind it. Failure to provide these gaps could cause heat to build up inside and result in fire.
- DO NOT MOVE THE UNIT DURING PLAYBACK. During playback, the record rotates. Do not lift or move the unit during playback. Doing so may damage the record, the stylus, the cartridge or the unit.
- Always remove the record before relocating or moving this unit. Moving the unit with a record on the turntable could damage the record, the stylus and the cartridge or could cause a malfunction.
- The voltage supplied to the unit should match the voltage as printed on the rear panel. If you are in any doubt regarding this matter, consult an electrician.

Maintenance

If the surface of the unit gets dirty, wipe it with a soft cloth or use diluted mild liquid soap. Allow the surface of the unit to dry completely before using.

 Do not use chemical cleaning cloths, thinner or similar substances as they could damage the surface of the unit.

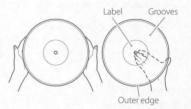
↑ CAUTION

For safety, disconnect the power cord from the socket before cleaning.

Handling records

Holding records

When holding a record or removing it from its sleeve, avoid touching the grooves by holding the record by its label and edge with one hand or by holding it by its edge with both hands.



Cleaning

- Fingerprints and dust on a record can cause noise and the sound to skip, as well as damage the record itself and the stylus. Use a commercially-available record cleaner to clean records. Do not use thinner or anything other than a record cleaner. Such chemicals could harm the surface of the record.
- When using a record cleaner, wipe the surface of the record in a circular motion, following the grooves.



Precautions for use

- Do not leave records in places that are exposed to direct sunlight or are very hot or very humid. Leaving a record in such a condition for a long time could result in warping, mold growth or other damage.
- Do not stack multiple records or place heavy objects on top of them. Do not leave records at an angle for long amounts of time either. Doing so could result in warping or other damage.
- Do not allow hard objects to directly touch the audio grooves. Doing so could cause scratches.
- After you finish playing a record, always put it back into its sleeve for storage. Leaving a record unprotected could result in warping or scratching.
- Do not use cracked records.

Preparing the record player

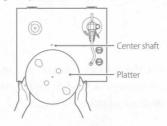
Keep the unit in standby while setting it up (E on page 18).

1 Place it on a flat surface.

Place it on a flat surface so that the record can be accurately traced

2 Install the platter.

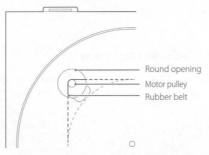
Align the platter with the center shaft and install it.



3 Loop the belt around the motor pulley.

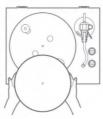
The rubber belt is wrapped around the sub-platter. Use a finger to pull the rubber belt through the round opening.

- Be careful not to let the rubber become twisted.
- Rotate the platter several times to make sure that the rubber belt is secure.



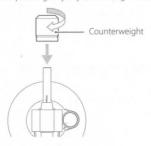
4 Place the felt mat on the platter.

Place the included felt mat on the platter before use.



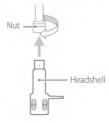
5 Install the counterweight.

Place the counterweight over the end of the tonearm, and press it gently as you turn it right to attach it.

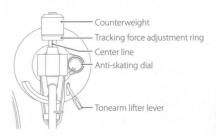


6 Install the headshell.

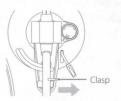
Insert the headshell on the end of the tonearm and turn the nut to secure it in place.



Balancing the tonearm and adjusting the tracking force



- 1 Set the anti-skating dial to zero.
- 2 Move the tonearm clasp to the right to remove it.



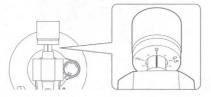
- 3 Raise the tonearm lifter lever and shift the tonearm to the left slightly.
- 4 Lower the tonearm lifter lever.

Preparing the record player (continued)

5 Turn the counterweight and adjust so that the tonearm is level.

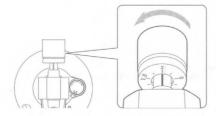


- Remove the protective cap from the cartridge stylus before adjusting.
- Be careful not to let the cartridge stylus touch the unit
- 6 Return the tonearm to its original position, and use the clasp to lock it.
- 7 Turn the tracking force adjustment ring so that the center line aligns with 0 on the scale.



 Only turn the ring. Be careful not to let the counterweight turn.

- 8 Turn the counterweight so that the tracking force adjustment ring scale matches the tracking force specified for the cartridge.
 - The tracking force of the included cartridge is 2.0 g.
 So, turn it to 2 on the counterweight scale when using the included cartridge.



- Turn it in the direction of the arrow in the illustration above so that the value changes from 0 to 1 to 2.
- 9 Adjust the anti-skating dial.

Start with it set at 2 and adjust it during record playback (page 19) to the position where the left and right volumes are balanced.



Dust cover

Attaching the dust cover



- 1 Insert the hinges completely into the hinge holders at the left and right ends of the back of the main unit.
- 2 Align the tops of the hinges with the dust cover hinge holders and insert them.
- Close the dust cover during playback. Since doing this prevents skipping caused by unintended contact and blocks external sound pressure, it makes noise less likely to occur.
- Do not open or close it when a record is playing. Doing so could, for example, cause the stylus to skip.
- Keep it closed whenever possible to keep dust out.

Removing the dust cover

Hold both edges of the dust cover and lift it slowly to remove it along with the hinges from the unit. Then, remove the hinges from the dust cover.

Opening and closing the dust cover



Opening

Hold the front edge of the dust cover and gently lift it open completely until it stops.

The dust cover will stay open in this position.

Closing

Gently lower the dust cover until it is closed.

Be careful not to pinch your finger, for example, when opening and closing the dust cover.

Notes about record styluses

- If the stylus becomes bent (damaged), it will no longer be able to accurately trace the groove. Since a bent stylus could also damage records and cause malfunction, handle styluses carefully.
- Always use a commercially-available stylus cleaner to clean a stylus. Use of anything other than a stylus cleaner could damage the stylus.

Replacing the stylus

If the tip of the stylus becomes worn, not only will it worsen the sound quality, it could also damage records. After about 300 hours of playback time, replace the stylus with one that we specify.

Please use an Audio-Technica ATN95E replacement stylus.

 An Audio-Technica AT95E VM Type cartridge is installed in this unit.

NOTE

VM type cartridges have the same characteristics as MM type cartridges.

 Follow the replacement instructions in the manual of the replacement stylus.

CAUTION

- Since loud noises could suddenly occur, put the unit into standby before changing the stylus.
- Be careful not to hurt your hand or the equipment.
- Be careful not to allow small children to accidentally swallow styluses.
- Be aware that bent styluses, for example, that result from insufficient customer caution or an outside cause are not covered by the warranty.

Changing the cartridge

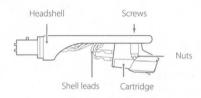
To change the cartridge, first remove the headshell from the tonearm.

 An Audio-Technica AT95E VM Type cartridge is installed in this unit.

NOTE

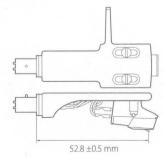
VM type cartridges have the same characteristics as MM type cartridges.

 We recommend that you attach the protective cap to the cartridge stylus before doing this task.



- 1 Disconnect the shell lead terminals from the cartridge.
- 2 Loosen the screws and remove the cartridge.
- 3 Attach the new cartridge and tighten the screws.

See the illustration below for the position of the screws when attached.



4 Connect the shell lead terminals to the cartridge.

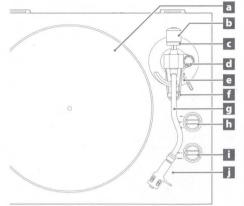
 The signals and colors of the shell leads are shown below.

Signal	Color	
Left channel +	White	
Left channel –	Blue	
Right channel +	Red	
Right channel -	Green	

Balance the tonearm and adjust the tracking force.

Follow the procedures in "Balancing the tonearm and adjusting the tracking force" on page 15.

Names and functions of parts



a Platter

Place records centered on the platter.

- **b** Counterweight
- c Tracking force adjustment ring
- d Anti-skating dial
- e Tonearm lifter lever

Use to raise and lower the tonearm.

We recommend using the tonearm lifter lever to avoid damaging records and styluses, because it is safer and more certain than using a finger to do so.

Tonearm holder

This is a rest for the tonearm. Move the clasp to the right to release the tonearm before playing a record.

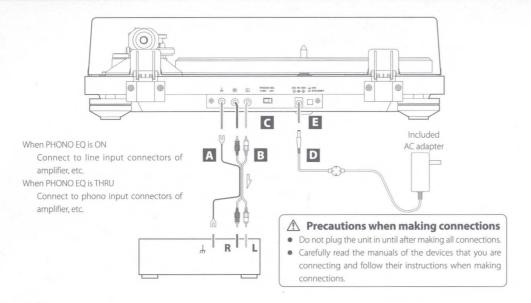
- Tonearm
- h Rotation speed setting knob

Select the rotation speed indicated on the record to be played.

- i START/STOP rotation knob
- Headshell

This is a universal type that allows the cartridge to be changed easily.

Connections



A Grounding terminal (,h)

Use the grounding wire of the included RCA audio cable to connect this connector to the grounding terminal of the amplifier, for example.

• This is NOT an electrical safety ground.

If noise from speakers is conspicuous

If connecting the grounding wire of the audio cable to the grounding terminal of this unit does not reduce noise, disconnect the grounding wire and check the sound again. Use the method (connected/disconnected) that has the least noise.

B Analog audio output connectors (L/R)

These output analog audio signals.

The PHONO EQ switch setting changes the type of output signal.

Use the included audio cable (or commercially-available ones) to connect other equipment to the output connectors of this unit.

C PHONO EQ (audio output setting) switch

ON

Signals that have been amplified by the built-in equalizer amp are output from the analog audio output connectors (L/R).

THRU

The MC or MM cartridge signal is output directly through the analog audio output connectors (L/R). Connect to a device with phono inputs, such as a phono equalization preamplifier or an amplifier with phono input connectors.

• When shipped new from the factory, this is set to ON.

CAUTION

When set to ON, if connected to the PHONO inputs of an amplifier, for example, the output from speakers and headphones will be very loud, which could damage equipment or harm hearing.

D DC input connector

After completing all other connections, connect the included AC adapter to this connector.

Confirm that the power plug of the AC adapter is plugged into a power outlet.

- Do not use any AC adapter other than the one included.
- The included AC adapter has plugs that can be changed. Attach the plug that suits the region where it is being used.
- Be sure to connect the power cord to an AC outlet that supplies the correct voltage. Connection to an outlet that supplies incorrect voltage could cause fire or electric shock.
- Method the power plug when plugging it into an outlet or unplugging it. Never pull or yank on the power cord.
- Unplug the power cord from the outlet when you are not planning to use the unit for an extended period of time.

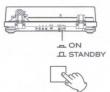
E STANDBY/ON button

Press the STANDBY/ON button to turn the unit on or put it in standby.

Basic operation

Playing records

1 Press the STANDBY/ON button on the back of the unit to turn it on.

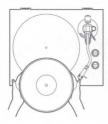


2 Open the dust cover slowly.



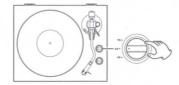
- Be careful not to pinch your hand, for example, when opening and closing the dust cover.
- 3 Place a record on the platter.

When playing a 45 RPM large-hole single record, use the included adapter.

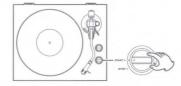


4 Select the rotation speed indicated on the record.

The rotation speed can be set to 33 1/3, 45 or 78 RPM.



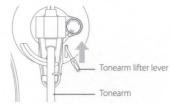
5 Turn the START/STOP rotation knob to START to start the platter.



- When the START/STOP rotation knob is set to START, the platter will start rotating and the blue START lamp will light.
- 6 Slide the tonearm clasp to the right to remove it.



7 Raise the tonearm lifter lever.



 You can also move the tonearm to above the record without raising the tonearm lifter lever and then slowly lower the tonearm to start playback. 8 Move the tonearm to the track where you want to start playback.



9 Use the tonearm lifter lever to lower the tonearm.

The tonearm lowers slowly until the stylus touches the record and playback begins.

- Close the dust cover during playback. Doing so reduces the occurrence of noise by preventing skipping caused by unintended contact and blocking external sound pressure.
- **⚠** Do not place anything on the dust cover.

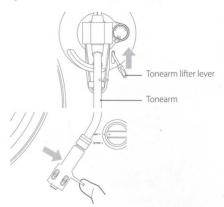
ATTENTION

- During playback, do not touch the tonearm or the record.
 Doing so could damage the stylus tip and cause scratches on the record.
- Do not forcibly stop platter rotation during playback. Since this product is not a turntable designed for DJs (direct drive), doing something like this could cause malfunction.

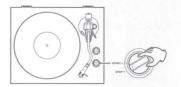
During record playback, feedback could occur if the volume is too loud. If this happens, lower the volume of the amplifier.

When playback finishes

1 Raise the tonearm lifter lever to separate the stylus from the record, and return the tonearm to its original position.



2 Turn the START/STOP rotation knob to STOP to stop the platter.

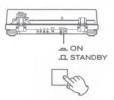


 The blue START lamp will become unlit and the platter will stop.

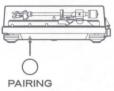
Listening with Bluetooth® speakers

This unit has a Bluetooth transmitter that can send sound to Bluetooth speakers wirelessly.

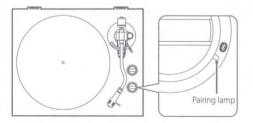
1 Press the STANDBY/ON button on the back of the unit to turn it on.



2 Pair and connect the Bluetooth speakers.



PAIRING button



Pairing Bluetooth speakers

Pairing this unit with another Bluetooth device is necessary the first time you connect with that Bluetooth device.

Press the PAIRING button on this unit to activate pairing mode. If another Bluetooth device has already been paired with this unit, connection mode will be activated. Press the PAIRING button again for at least two seconds to activate pairing mode.

Put the Bluetooth speaker into pairing mode.

When this unit and the Bluetooth speaker are connected, the pairing lamp will stay lit without blinking.

 Refer to the operation manual of the Bluetooth speaker for information about how to use it.

- Pairing might take some time depending on the connected device.
- This unit will connect to the closest Bluetooth speaker. If no Bluetooth speaker is found for five minutes, Bluetooth standby mode will begin and the pairing lamp will become unlit.

Pairing light meaning

State	Meaning
Lit	Connected
Blinking slowly	Connection mode
Blinking rapidly	Pairing mode
Unlit	Standby mode

Connecting already paired Bluetooth speakers

Press the PAIRING button on this unit to activate connection mode, enabling connection with Bluetooth speakers that have already been paired.

If no Bluetooth speakers have already been paired, this will activate pairing mode.

When this unit and the Bluetooth speaker are connected, the pairing lamp will stay lit without blinking.

 When connecting to a Bluetooth speaker, move other Bluetooth speakers and receiving devices at least 10 meters (33 ft.) away from this unit or turn them off.

3 Play a record.

- Bluetooth connection is also possible while a record is playing.
- Adjust the Bluetooth speaker volume if necessary.
- This unit cannot be used to adjust the volume.
- To end a connection, press the PAIRING button on this unit for at least six seconds to enter Bluetooth standby mode or turn this unit off.
- Pressing the PAIRING button for 10 or more seconds will cause the pairing lamp to blink and clear all existing pairings with other devices.

Troubleshooting

If you experience a problem with this unit, please check the following items before requesting service. Something other than this unit could also be the cause of the problem. Please also check that the connected devices are also being used properly. If it still does not operate correctly, contact the retailer where you purchased the unit.

No power.

Confirm that the AC adapter is plugged into an outlet. Then, press the STANDBY/ON button to turn the unit on (page 18).

There is no sound.

→ When connecting this unit's analog audio output connectors to the audio input connectors of an amplifier or other equipment, set the PHONO EQ (audio output setting) switch to ON (page 18).

Playback is not possible; there is noise.

- Remove the protective cap.
- → Fingerprints and dust on a record can cause noise and the sound to skip. Use a commercially-available record cleaner to clean records (page 14).
- → Clean the stylus (page 17).
- If the stylus is worn-out, replace it (page 17). The lifespan of a stylus depends on the use conditions, but it is usually about 300 hours.
- Place the unit as far away as possible from TVs, microwave ovens and other devices that emit electromagnetic waves

Noise occurs when a record is playing.

Noise could occur if the tracking force is higher than cartridge's specified value. Readjust the tracking force so that it is the specified value (page 15).

The pitch is wrong.

 Select the rotation speed indicated on the record (page 19).

The sound is skipping.

- Vibrations will cause skipping. Place this unit in a stable location.
- → Clean the record.
- Do not use scratched records.
- ➡ Balance the tonearm and readjust the tracking force (page 15). The stylus and sound might skip if the tracking force is lower than the cartridge's specified value.

Connection is not possible with the Bluetooth speaker I want to connect.

- Turn both this unit and the Bluetooth device off once. Turn them both on and try pairing again.
- → Turn off the power of other Bluetooth speakers within 10 meters (33 ft). The closest Bluetooth speaker will be paired.

Connection with the Bluetooth speaker succeeded, but I cannot hear any playback sound.

- → Check the volume of the Bluetooth speaker.
- Press the PAIRING button on this unit for at least six seconds to disconnect the Bluetooth speaker once. Then, try pairing again.
- Turn this unit off and then on again. Then, press the PAIRING button to try pairing again.

Connection with the smartphone is not possible.

This unit functions as a Bluetooth transmitter, and it can send sound to Bluetooth speakers.

Since it does not function as a Bluetooth receiver, it cannot be connected to a smartphone.

Specifications

Platter
Drive system Belt driv
MotorDC moto
Rotation speed

 Rotation speed variation
 ±2%

 Wow and flutter
 0.2% or less

 SN ratio
 67 dB or higher (A-weighted, 20 kHz LPF)

 Platter
 Aluminum die-cast

Tonearm

Tonearm type	. Static-balanced S-shaped tonearm
Effective tonearm length	223 mm
Tracking force variation rang	e0–5 g
Acceptable cartridge weigh	4.0–8.0 g

Cartridge

Type	VM (equivalent to MM)
Output voltage	3.5 mV (1 kHz, 5 cm/s)
Tracking force	2.0 ±0.5 g
Cartridge weight	5.7 ±0.5 g
Included headshell weight	

10 g (including screws, nuts and wires)

30cm (12") diameter

- The lifespan of a stylus depends on the use conditions but is usually about 300 hours.
- An Audio-Technica AT95E VM Type cartridge is installed in this unit.
 - Note: VM type cartridges have the same characteristics as MM type cartridges.
- Replacement stylus model: Audio-Technica ATN95E

Output voltage

PHONO EQ THRU	3.5	mV	(1 k	Hz, 5	m/s
PHONO EQ ON		155	m\	V (- 16	dBV
Output connectors					RCA

Bluetooth function

Bluetooth version	5.2 (DUAL MODE)
Output class	Class 2
Supported profile	A2DP
Codecs	SBC, AAC,
	Qualcomm® aptX™ audio,
	Qualcomm® aptX™ Adaptive
Maximum number of stored pairing	gs 8 devices

General

AC adapter power
Input AC 100 V – AC 240 V, 50/60 Hz
Output DC 12 V, 500 mA
Power consumption
Standby 0.5 W or less
On (START)
Weight
Operating temperature range 5°C to 35°C
Dimensions (W \times H \times D) (including protrusions)
When the dust cover is closed
420 × 117 × 356 mm (16 5/8" × 4 5/8" × 14 1/8")

When the dust cover is open

420 × 381 × 402 mm (16 5/8" × 15" × 15 7/8")

When the dust cover is removed

420 × 102 × 356 mm (16 5/8" × 4 1/8" × 14 1/8")

• Performance data is specified at 20°C.

Included items

Felt mat × 1

45 RPM adapter \times 1

Counterweight \times 1 Headshell \times 1

Audio-Technica VM Type (dual magnet) stereo cartridge (AT95E) preinstalled

Platter × 1

Dust cover x 1

Dust cover hinges × 2

RCA audio cable with grounding terminal × 1

AC adapter (GPE053A-V120050) × 1

Owner's manual (this document, including warranty) × 1

- For information about the warranty, users living in the USA and Canada should see page 82 and the back cover (warranty document). Users living in Europe and other regions should see page 83.
- Specifications and appearance are subject to change without notice.
- Weight and dimensions are approximate.
- Illustrations in this owner's manual might differ slightly from production models.

WARRANTY/GARANTIE/GARANTIE/GARANTIE/GARANTIE/GARANTI

Warranty provisions (United States and Canada only)

Length of Warranty

The parts and labor warranty will be effective for one (1) year from the date of the original purchase for products not used for commercial purposes. For products used commercially, the warranty is ninety (90) days for magnetic heads and optical pickups, one (1) year for all other parts and ninety (90) days for labor.

Who Is Covered Under This Warranty

This warranty is valid only in the United States or Canada, dependent upon the country in which original purchase was made, and enforceable only by the original purchaser within the country in which the purchase was made.

This warranty is not valid if the product was purchased through an unauthorized dealer.

What Is Not Covered Under This Warranty

- Damage to or deterioration of the external cabinet.
- Damage resulting from accident, misuse, abuse, or neglect.
- Damage resulting from failure to follow instructions contained in the products owners' manual or otherwise provided with the product.
- Damage occurring during shipment of the product (Claims must be presented to the carrier).
- Damage resulting from the repair or attempted repair by anyone other than TEAC or an authorized TEAC service station.
- Damage resulting from modification or attempted modification of product not authorized by TEAC.
- Damage resulting from causes other than product defects, including lack of technical skills, competence, or experience of the user.
- Damage to any unit that has been altered or which the serial number has been defaced, modified or removed.

What TEAC Will Pay For

TEAC will pay all labor and material expenses for items covered by the warranty. Payment of shipping charges is covered in the next section.

How To Obtain Warranty Service

Your unit must be serviced by an authorized TEAC service station within the country in which the product was purchased. If you are unable to locate an authorized service station in your area, please contact TEAC at the applicable address shown at the end of this warranty statement. PLEASE DO NOT RETURN YOUR UNIT TO TEAC WITHOUT OUR PRIOR AUTHORIZATION. You must pay shipping charges if it is necessary to ship the product for service. However, if the necessary repairs are covered by warranty, we will pay the return shipping charges to any destination within the country in which the product was purchased. Whenever warranty service is required, you must present the original dated sales receipt, or other proof indicating the purchase place and date, as proof of warranty coverage.

LIMITATION OF IMPLIED WARRANTIES

ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE LENGTH OF THIS WARRANTY.

EXCLUSION OF DAMAGES

TEAC'S LIABILITY FOR ANY DEFECTIVE PRODUCT IS LIMITED TO REPAIR OR REPLACEMENT OF THE PRODUCT, AT TEAC'S OPTION. TEAC SHALL NOT BE LIABLE FOR DAMAGE BASED UPON INCONVENIENCE, LOSS OF THE PRODUCT, INTERRUPTED OPERATION, COMMERCIAL LOSS OR LOST PROFITS, OR ANY OTHER DAMAGES, WHETHER INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR OTHERWISE.

SOME STATES OR PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS AND/OR DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC RIGHTS, AND MAY VARY FROM SOME OF THE RIGHTS PROVIDED BY LAW. THESE RIGHTS MAY VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Conditions de garantie (États-Unis et Canada uniquement)

Durée de la garantie

La garantie pièces et main d'œuvre sera valable un (1) an à compter de la date d'achat initial des produits non utilisés dans un but commercial. Pour les produits à utilisation commerciale, la garantie des têtes magnétiques et capteurs optiques est de quatre-vingt dix (90) jours, elle est d'un (1) an pour les autres pièces et quatre-vingt dix (90) jours pour la main d'œuvre.

Bénéficiaire de la garantie

Cette garantie n'est valable qu'aux États-Unis et au Canada, selon le pays d'achat initial, et ne s'applique qu'à l'acquéreur initial dans le pays d'achat.

Cette garantie n'est pas valable si le produit a été acheté auprès d'un revendeur non autorisé.

Ce qui n'est pas couvert par cette garantie

- Les dommages ou détériorations du boîtier externe.
- Les dommages résultant d'un accident, d'une mauvaise utilisation, d'un abus ou d'une négligence.
- Les dommages résultant du non-respect des instructions contenues dans le mode d'emploi du produit ou fournies avec le produit.
- Les dommages survenus durant le transport du produit (les réclamations doivent être adressées au transporteur).
- Les dommages résultant d'une réparation ou tentative de réparation effectuée par toute personne extérieure au service après-vente TEAC ou agréé par TEAC.
- Les dommages résultant d'une modification ou tentative de modification de produit non autorisée par TEAC.
- Les dommages résultant de causes autres que des défauts de produit, y compris le manque d'aptitude technique, de compétence ou d'expérience de l'utilisateur.
- Les dommages de toute unité ayant été modifiée ou dont le numéro de série a été effacé, modifié ou retiré.

Frais pris en charge par TEAC

TEAC prendra en charge tous les frais de pièces et main d'œuvre pour les articles couverts par la garantie. Les frais d'expédition sont évoqués dans la section suivante.

Comment obtenir une intervention sous garantie

Votre unité doit être réparée par un service après-vente agréé par TEAC dans le pays d'achat du produit. Si vous ne trouvez pas de service après-vente agréé dans votre région, veuillez contacter TEAC à l'adresse appropriée donnée à la fin de cette garantie. VEUILLEZ NE PAS RENVOYER VOTRE UNITÉ CHEZ TEAC SANS NOTRE AUTORISATION PRÉALABLE. Si le produit doit être renvoyé pour réparation, les frais d'expédition sont à votre charge. Toutefois, si les réparations nécessaires sont couvertes par la garantie, nous prendrons à notre charge les frais de retour vers toute destination dans le pays d'achat du produit. Lorsqu'une réparation sous garantie est requise, vous devez présenter comme preuve de couverture par la garantie la facture d'achat originale datée ou une autre preuve d'achat mentionnant le lieu et la date d'achat.

LIMITATION DES GARANTIES IMPLICITES

TOUTES LES GARANTIES IMPLICITES, Y COMPRIS LES GARANTIES DE QUALITÉ MARCHANDE ET D'ADÉQUATION À UN USAGE PARTICULIER, SONT LIMITÉES À LA DURÉE DE CETTE GARANTIE.

EXCLUSION DE DOMMAGES

LA RESPONSABILITÉ DE TEAC VIS-À-VIS DE TOUT PRODUIT DÉFECTUEUX EST LIMITÉE À LA RÉPARATION OU AU REMPLACEMENT DU PRODUIT, AU GRÉ DE TEAC. TEAC NE POURRA ÊTRE TENU POUR RESPONSABLE DE QUELCONQUES DOMMAGES SE RAPPORTANT AU DÉRANGEMENT, À LA PERTE D'USAGE DU PRODUIT, À L'INTERRUPTION DE L'UTILISATION, AUX PERTES COMMERCIALES OU DE PROFITS, NI D'AUCUN AUTRE DOMMAGE, QU'IL SOIT ACCESSOIRE, INDIRECT, PUNITIF OU AUTRE.

CERTAINS ÉTATS OU PROVINCES N'AUTORISENT PAS DE LIMITATIONS DE DURÉE D'UNE GARANTIE IMPLICITE ET/OU N'AUTORISENT PAS L'EXCLUSION OU LA LIMITATION DES DOMMAGES ACCESSOIRES OU INDIRECTS, AUQUEL CAS LES LIMITATIONS ET EXCLUSIONS CI-DESSUS PEUVENT NE PAS VOUS ÉTRE APPLICABLES.

CETTE GARANTIE VOUS DONNE DES DROITS SPÉCIFIQUES QUI PEUVENT ÊTRE DIFFÉRENTS DE CERTAINS DROITS OCTROYÉS PAR LA LOI. CES DROITS PEUVENT VARIER D'UN ÉTAT À L'AUTRE OU D'UNE PROVINCE À L'AUTRE.

Europe/Europa

This product is subject to the legal warranty regulations of the country of purchase. In case of a defect or a problem, please contact the dealer where you bought the product.

Ce produit est sujet aux réglementations concernant la garantie légale dans le pays d'achat. En cas de défaut ou de problème, veuillez contacter le revendeur chez qui vous avez acheté le produit.

Las condiciones de garantía de este aparato están sujetas a las disposiciones legales sobre garantía del país en el que ha sido adquirido. En caso de garantía, debe dirigirse al establecimiento donde adquirió el aparato.

Dieses Gerät unterliegt den gesetzlichen Gewährleistungsbestimmungen des Landes, in dem es erworben wurde. Bitte wenden Sie sich im Gewährleistungsfall an den Händler, bei dem sie das Gerät erworben haben.

Questo apparecchio è conforme alle norme sulla garanzia vigenti nel rispettivo Paese in cui esso è stato acquistato. Si prega di rivolgersi al proprio commerciante, presso il quale è stato acquistato l'apparecchio, nel caso in cui si voglia richiedere una prestazione in garanzia.

Dit product valt onder de wettelijke garantievoorschriften van het land waar het is aangeschaft. Neem bij een defect of probleem contact op met de leverancier waar u het product heeft gekocht.

För denna produkt gäller det lagliga garantiregleringar av landet där köpet gjordes. Vid fel eller problem kontakta vänligen återförsäljaren, där du köpte produkten.

In countries/regions other than the USA, Canada, Europe and Japan

This warranty gives you specific legal rights, and you may also have other rights that vary by country, state or province.

If you have a warranty claim or request, please contact the dealer where you bought the product.

该保证书赋予了顾客特定的合法权利,并且因国家,州或省等地域的不同,顾客可能拥有其他权利。如需申请或要求保修,请与购买本产品的销售店进行联系。

保証とアフターサービス (よくお読みください)

■保証書

取扱説明書の裏表紙が保証書になっています。保証書は、お買い上げの際に販売店が所定事項を記入してお渡ししておりますので、大切に保管してください。万が一販売店印の捺印やご購入日の記載が無い場合は、無償修理保証の対象外になりますので、ご購入時のレシートなどご購入店・ご購入日が確認できるものを一緒に保管してください。保証期間はお買い上げ日より1年です。

■補修用性能部品の保有期間

当社は、この製品の補修用性能部品(製品の機能 を維持するために必要な部品)を製造打ち切り後 8年間保有しています。

■ご不明な点や修理に関するご相談は

修理に関するご相談、並びにご不明な点は、お買い上げの販売店または弊社サービス部門(裏表紙に記載)にお問い合わせください。

■修理を依頼されるときは

9 ページの「困ったときは」に従って調べていただき、なお異常のあるときは使用を中止し、必ず電源プラグをコンセントから抜いて、お買い上げの販売店またはティアック修理センター(裏表紙に記載)にご連絡ください。

なお、本体の故障もしくは不具合により発生した 付随的損害(録音内容などの補償)の責について はご容赦ください。

保証期間中は

修理に際しましては保証書をご提示ください。 保証書の規定に従って、修理させていただき ます。

保証期間が過ぎているときは

修理すれば使用できる場合は、ご希望により 有料にて修理させていただきます。

修理料金の仕組み

技術料: 故障した製品を正常に修復するため の料金です。

測定機等の設備費、技術者の人件費、技術教育費が含まれています。

部品代:修理に使用した部品代金です。

その他修理に付帯する部材等を含む

場合もあります。

その他:製品を送るために必要な送料/梱包

料などがあります。

修理の際ご連絡いただきたい内容

型名:アナログターンテーブル TN-400BT-X

シリアルナンバー:

シリアルアンバー

お買い上げ日:

販売店名:

お客様のご連絡先

故障の状況(できるだけ詳しく)

■廃棄するときは

本機を廃棄する場合に必要になる収集費などの費用は、お客様のご負担になります。

分解・改造禁止

この機器は絶対に分解・改造しないでください。 この機器に対して、当社指定のサービス機関 以外による修理や改造が行われた場合は、保 証期間内であっても保証対象外となります。

当社指定のサービス機関以外による修理や改造によってこの機器が故障または損傷したり、人的・物的損害が生じても、当社は一切の責任を負いません。

保証書

品 名	77-	ナログタ・	-	= -		
コー および	Γ.					
形 名		IN	-4	100	BT-X	
機番						
保証期間	本	体		1年		
お買上げ日		年		月	日	
	お名前			II.		様
お客様	ご住	Ŧ				
	所	電話	()		

この保証書は、本書記載内容で無料修理を行うことを お約束するものです。お買上げの日から左記期間中に 故障が発生した場合は、本書をご提示の上、取扱説明 書に記載のティアック修理センターまたはお買上げの 販売店に修理をご依頼ください。

お客様にご記入いただいた保証書の控えは、保証期間 内のサービス活動及びその後の安全点検活動のために 記載内容を利用させていただく場合がございますので、 ご了承ください。

	所在地·	名称(E	(I)	
販				
売				
_				
占	電話	()	

無料修理規定

- 1. 取扱説明書、本体貼付ラベルなどの注意書に 従った正常な使用状態で保証期間内に故障が発 生した場合には、ティアック修理センターが無料 修理いたします。
- 2. 保証期間内に故障して無料修理を受ける場合は、 本書をご提示の上、ティアック修理センターまた はお買い上げの販売店に修理をご依頼ください。 商品を送付していただく場合の送付方法につい ては、事前にティアック修理センターにお問い

無償修理の対象は、お客さまが日本国内において 購入された日本国内向け当社製品に限定されます。

- 3. ご転居、ご贈答品等でお買い上げの販売店に修 理をご依頼になれない場合は、ティアック修理 センターにご連絡ください。
- 4. 次の場合には保証期間内でも有料修理となります。※ この保証書は、本書に明示した期間・条件のも (1) ご使用上の誤りおよび不当な修理や改造に
 - よる故障および損傷 (2) お買上げ後の輸送・移動・落下などによる 故障および損傷
 - 火災、地震、水害、落雷、その他の天災地変、 公害や異常電圧による故障および損傷
 - (4) 接続している他の機器に起因する故障およ
 - (5) 業務用の長時間使用など、特に苛酷な条 件下において使用された場合の故障および

(6) メンテナンス

(7) 本書の提示がない場合

- (8) 本書にお買上げ年月日、お客様名、販売 店名(印)の記入のない場合、あるいは字 句を書き替えられた場合
- 5. 本書は日本国内においてのみ有効です。 This warranty is valid only in Japan.
- 6. 本書は再発行いたしませんので、紛失しないよう 大切に保管してください。

修理メモ

- とにおいて無料修理をお約束するものです。こ の保証書によって保証書を発行しているもの (保証責任者)、及びそれ以外の事業者に対するお客様の法律上の権利を制限するものではあ りません。保証期間経過後の修理などについて ご不明の場合は、ティアック修理センターにお 問い合わせください。
- ※ 保証期間経過後の修理、補修用性能部品の保 有期間についての詳細は、取扱説明書をご覧く ださい。

ティアック株式会社 〒206-8530 東京都多摩市落合 1-47 https://teac.ip/ip/

この製品のお取り扱い等についてのお問い合わせ

AV お客様相談室

〒206-8530 東京都多摩市落合 1-47

042-356-9235 携帯電話、IP電話をご利用の場合

0570-000-701



固定電話をご利用の場合

FAX: 042-356-9242

受付時間は、10:00~12:00/13:00~17:00です。 受付時間は、9:30~17:00です。 (土・日・祝日・弊社指定休日を除く)

故障・修理や保守についてのお問い合わせ

ティアック修理センター

〒358-0026 埼玉県入間市小谷田858

04-2901-1033 携帯電話、IP電話をご利用の場合



固定電話をご利用の場合

FAX: 04-2901-1036

(土・日・祝日・弊社指定休日を除く)

● 住所や電話番号は、予告なく変更する場合があります。あらかじめご了承ください。

WARRANTY/GARANTIE (United States and Canada only/États-Unis et Canada uniquemen Model/Modèle: TN-400BT-X				
Serial No/N° de série	Owner's address/Adresse du propriétaire			
Date of purchase/Date de l'achat	Dealer's name/Nom du revendeur			
Owner's name/Nom du propriétaire	Dealer's address/Adresse du revendeur			

TEAC

TEAC CORPORATION

1-47 Ochiai, Tama-shi, Tokyo 206-8530, Japan https://teac.jp/int/

This product has a serial number located on the rear panel. Please write it here and retain this for your records.

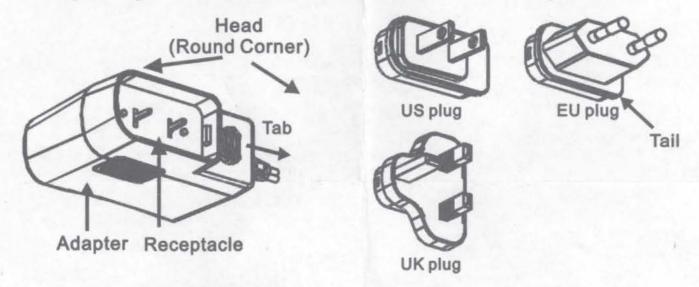
Model name: TN-400BT-X

Serial number

1122 MA-3586A

Gpe Microsystems Instruction Manual G Series Interchangeable AC Plug Models

- 1. Pull back tab and hold.
- 2. Mate round corner of plug to round corner of receptacle.
- Insert plug into adapter receptacle head-first until it sits completely inside, then release tab to lock in place.



CAUTION: ELECTRIC SHOCK DO NOT INSERT PLUG ALONE TO ELECTRICAL OUTLET.



TEAC

h 機能
SBC, AAC, Qualcomm® aptX™ audio, Qualcomm® aptX™ Adaptive
SBC, Qualcomm® aptX™, Qualcomm® aptX™ Adaptive
"Bluetooth function"
SBC, AAC, Qualcomm® aptX™ audio, Qualcomm® aptX™ Adaptive
SBC, Qualcomm® aptX™, Qualcomm® aptX™ Adaptive
techniques » → « Technologie sans
CDC AAC
SBC,

Página 41		
"Especificaciones" → "Función Bluetooth"		
Incorrecto:		
Codecs	SBC, AAC,	
	Qualcomm® aptX™ audio, Qualcomm® aptX™ Adaptive	
	Qualconin apix Adaptive	
Corregido: Codecs	SDC	
codecs	SBC, Qualcomm® aptX™,	
	Qualcomm® aptX™ Adaptive	
Seite 51		
"Spezifikationen"→ "Bl	uetooth-Funktion"	
Inkorrekt:		
Codecs	SBC, AAC,	
	Qualcomm® aptX™ audio,	
	Qualcomm® aptX™ Adaptive	
Korrekt:	cnc	
Codecs	SBC, Qualcomm® aptX™,	
	Qualcomm® aptX™ Adaptive	
Pagina 61		
"Specifiche" → "Funzior	ne Bluetooth"	
Errato:		
Codec	SBC, AAC,	
	Qualcomm® aptX™ audio,	
	Qualcomm® aptX™ Adaptive	
Corretto:	CDC	
Codec	SBC, Qualcomm® aptX™,	
	Qualcomm® aptX™ Adaptive	

Pagina 71		
"Specificaties" → "Bluetooth-functie"		
Onjuist:		
Codecs	SBC, AAC,	
	Qualcomm® aptX™ audio,	
	Qualcomm® aptX™ Adaptive	
Juist:		
Codecs	SBC,	
	Qualcomm® aptX™,	
	Qualcomm® aptX™ Adaptive	
Sida 81		
"Specifikationer" -	→ "Bluetooth-funktion"	
Inkorrekt:		
Codecs	SBC, AAC,	
	Qualcomm® aptX™ audio,	
	Qualcomm® aptX™ Adaptive	
Rättad:		
	SBC,	
	Qualcomm® aptX™,	
	Qualcomm® aptX™ Adaptive	
	,	