

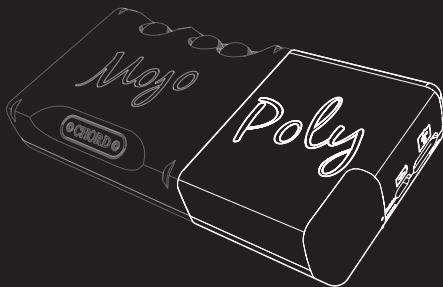
User manual

• CHORD •

Chord Electronics Ltd.

Poly

Wireless streaming module



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User manual

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1 Introduction

This user manual is intended for self-service. It provides all the information necessary to safely and successfully use Poly and consists of two sections:

- The user manual describes Poly and provides the necessary information to use.
- The warranty manual contains information on the warranty, which is not directly related to everyday use.

1.1 Safety

Please read carefully all the following safety instructions before using the Poly.

- Never allow Poly to come into contact with water or other liquids.
- Never touch the screen and Poly. Only touch the touchscreen to interact with the Poly.

1.2 Warranty

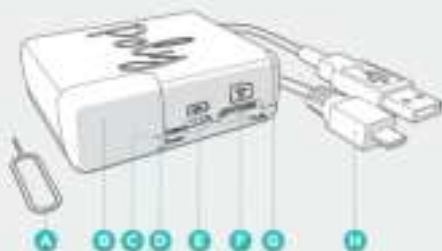
This camera will be supported under our standard warranty. To activate this warranty, please register your Poly with the following link & website:

www.chord-electronics.co.uk/register-product

2 Product description

Poly is a portable music streamer and player. Combined with Mojo, it can wirelessly stream from connected devices and play back audio via Room, AirPlay or from a Micro-SD card, all with smartphone control. Poly provides access to hi-fi sound quality at home or on-the-go, via Wi-Fi and Bluetooth.

2.1 Main parts



Please take a moment to familiarize yourself with Poly's main parts.

A	Configuration pin	E	Micro-USB input
B	Antenna	F	Micro-SD input
C	Hi-status LED	G	Configuration button
D	Hi-status LED	H	USB cable

P-status LED



Flashing

Poly is in Hotspot mode and is available as a W-Fi connection for an external device.



Flashing

Poly is searching for a known Wi-Fi network.



Flash

Poly has successfully read the inserted Micro SD card.



Flashing

Poly has successfully connected via Bluetooth audio.



Poly displays its battery level in a variety of colours when connected to a known network in Network mode. See §3.1 for more information.



Poly is charging.



Flashing

Polys P.status will flash Yellow when there is no DAC detected (the attached DAC may be switched OFF)

2.2 Modes

Poly's functionality is made up of two settings; audio playback modes and connectivity modes. Both modes can be selected in the GoFigure app. See chapters 6 & 7 for instructions and more information.

Audio playback modes

- Bluetooth audio
- Roon
- Micro SD card
- Airplay

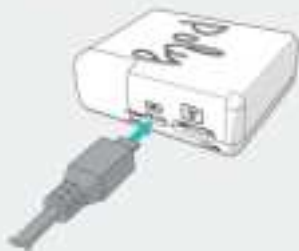
Connectivity modes

- Bluetooth
- Wi-Fi
 - Network
 - Hotspot

3 Charging Poly

To charge Poly:

1. Insert the USB cable **1** into the Micro USB input **2**.
2. Insert the other end of the USB cable into a suitable power outlet. This wakes Poly up.
3. Remove and reinsert the USB cable. Poly now starts charging and the P-status LED will emit a solid white light.



It takes approx. 5 hours to charge Poly with a 5V/2A charger. Poly and Mojo can be charged simultaneously, with an estimated charge time of 8 hours. The devices can be charged while playing back audio, but this increased the charging time.







NOTICE We recommend that you fully charge Poly for 5 hours before using it for the first time.

NOTICE Poly's microprocessor remains active when the device is switched off. This causes the battery to slowly empty over time.

NOTICE To charge Poly, the charger must deliver at least 1A of current. To charge Poly and Mojo simultaneously, an input of at least 2A is required. Using a 1A charger to charge both devices simultaneously will result in only Mojo being charged.

3.1 Battery level

When Poly is connected to a network, the P-status LED will glow in 1 of 4 colours. These colours indicate Poly's battery level. The M-status LED will always indicate Mojo's battery level using the same colour code.

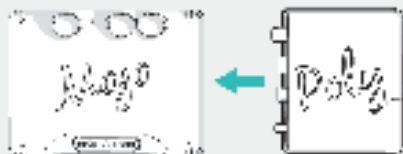
					
					Flashing
Charging	100-75%	75-50%	50-25%	25-5%	5-0%

TIP Poly's battery level is also displayed on the GoFigure app's home screen.

4. Powering on Poly

4.1 Powering on Poly

1. Attach Poly to Poly
2. Press and hold NightScape™ until the red LED buttons are lit (power)
3. Wait 20 seconds to connect
Poly's P-Link™™ & P-Link™™ will show the connection has been up and on



NOTE - When the P-Link™™ is connected to the P-Link™™, the connection between the two devices.

4.1 Powering off

4.1 Powering off Poly

1. Press and hold NightScape™ until the red LED buttons are lit (power)
2. Wait 20 seconds for Poly to power off

5 GoFigure app - Configuration

Poly can be configured with the GoFigure app, available for download on the App Store or Google Play.



5.1 Requirements

- Your control device must have Bluetooth Low Energy (BLE) compatibility.
- Your Poly must have firmware 1.0.11 or higher.

If these requirements are not met, see the **Extended Manual** for the manual configuration method.

5.2 First use

When using the GoFigure app to configure a new Poly, the Setup Wizard can be used to quickly set Poly's most important settings.

When using the GoFigure app for the second time, it will open on the Poly's Near You page. Select your Poly and press **Skip This Wizard** to go straight to the configuration menu.

1. Insert the device into your computer's device.
2. Make sure the device is fully charged and you are not connected to a Wi-Fi.
3. Open the configuration software, press **Smart Device**. The app will scan for nearby TVs.
4. Select the device that appears on your screen and press **Smart Device**.
5. Please wait while the app loads your TV.
6. Enter a channel name for your TV by clicking on **Press Audio Playback** to continue.
7. Select the device that shows the channel and a status is entered. This can be changed later. After selecting the TV, press **Connect**. Normally, it is connected to a regular Wi-Fi network. Press **Create Hotspot** to allow your device to connect to a Wi-Fi network. Select your Wi-Fi network and select the password. Press **Continue/Submit**.
8. When **Ready Ready** is everything else is set and entered to audio playback mode. This can be changed later.
9. This configuration software can play a **Please Register Your Device** to register your TV or press **Finish** to go to the next step. Press **Continue**.



6 Connectivity modes

The GoFigure app allows you to select which wireless connection method Poly uses to connect to an external device. All configuration is done in the **Settings** menu.

6.1 Bluetooth

Poly's Bluetooth connection is always available, no matter which mode is selected.



- Select **Airplane/Bluetooth Mode** 1 to optimize Poly for Bluetooth playback.

NOTICE Bluetooth is a user-friendly wireless connection method, but can result in some loss of sound quality. The use of a Wi-Fi connection is recommended for optimal sound quality.

NOTICE Poly has a maximum Bluetooth range of 5 metres. Sound distortion may occur beyond this range.

6.2 Wi-Fi


Wi-Fi is the standard wireless technology that most people use because it ensures the best sound quality. The Polycom 5000 Series WebRTC endpoints can use two different modes:

TIP For additional Wi-Fi configuration details, click the **enter network**  on the sidebar.

NOTE Polycom supports only 802.11 a/b/g/n network standards and does not support 802.11 ac networks.

Network mode

Network mode allows the Poly to connect to an access point (AP) on your local network.

A **plane**, **Bluetooth Mode**  and **Hotspot Mode**  are also options.


1. Press **Wi-Fi**  to select or manually add a network.
2. Press **Wi-Fi Country**  to select the country.

TIP The Poly will generate a Wi-Fi network generated by the phone.

TIP You can add multiple networks and the Poly will be automatically remembered and connect to the selected one.

Hotspot mode

Hotspot mode allows you to connect to a Wi-Fi network instead of to your laptop's Ethernet connection. For Wi-Fi, we know what a network is, so let's do it.

1. **Select Hotspot Mode**  The Pop will now reset itself. It appears like this:
2. Press the Wi-Fi button and a dialog box should appear. Select to connect.
3. I would like to see the network that I can connect to or you control device when connecting to the Internet via:

On a 128k display, some buttons will be too small to read this action. So press this button to see details.

Hotspot mode for both integrated and external network cards is available.



1 For any other configuration, you can simply connect. These steps do not need to be repeated when using Ethernet mode again.

1 Audio playback

The GoFigure app allows you to select which music is being played by the device to which you wish to configure playback. Playback is done in the following manner:



1.1 Reon

The Reon device will allow you to select devices and play audio data from your personal Toon system.

1. Make sure the Reon device is on the same network as your Toon remote device.
2. From **Reon Ready**  **The Either Music Stream**  will be automatically activated.
3. Navigate to your Reon Output settings and enable **Reon Poly** with a required subscription.

1.2 Airplay

The Poly supports AirPlay which allows it to connect to your Apple devices.

1. From **Either Music Stream**  .
2. Make sure both your Apple device and connected to the same Wi-Fi network.
3. Make sure you have Apple device's screen lock set and select **Poly Airplay** on the home screen of Poly.

7.3 Bluetooth audio

The Poly can play back audio via a Bluetooth connection.

1. In the GoFigure app's Settings menu, select **Airplane/Bluetooth Mode** ①
2. Enable Bluetooth on your control device and select the Poly to connect.
3. Play music from your control device.

NOTICE If there are two Poly's visible as available Bluetooth devices, close the GoFigure app and select the one that remains.

7.4 Micro SD card

This Poly is able to play back music stored on a Micro SD card via DLNA, UPnP or MPD.



1. Select Other Music Services. **7**
2. Press the MicroSD button and hold it until the MicroSD icon **F** on the status LED **C** flashes green when the card is detected.

NOTICE If the Key does not detect the MicroSD card, insert the card in a computer or card reader and format it to FAT32 or exFAT.

3. On your computer, check whether the DNNC LAMP or XPD app on your choice (e.g. Subsonic™ or Audirite™) is running and is online.
4. If it is not selected, the Key will download it.
5. Select a song from the MicroSD card's directory and press play/pause.

TIP The below section is a simplified version of the MicroSD data management.

Quickplay


The Quickplay option allows you to select any XPD playlist, ordered by the MicroSD system file Key to match the album.

1. Press the LAUNCH QUICKPLAY button on the app's home screen.
2. Select one of the existing playlists and press play/pause.

8 Manual configuration

If your Poly or control device do not meet the requirement for configuration via the GoFigure app, the connectivity and audio playback modes can be manually configured.

8.1 Connecting Poly

Poly can be wirelessly connected to external devices in three ways: Bluetooth, Wi-Fi network and a Wi-Fi hotspot. Bluetooth is always available, while the other two connectivity modes can be manually selected via the Config button .



TIP The use of a headset is necessary while progressing through the options. This allows you to receive spoken feedback and instructions during the process.

1. Use the provided pin **A** to reach the Config button **G**.
2. Press the Config button once to start the sequence:

🔊 "mode: press for mode"

3. Press the Config button repeatedly to progress through the options:

🔊 "mode: current mode" → "mode: enter Hotspot mode" → "mode: enter Network mode" → "mode: Hotspot password reset" → "mode: Bluetooth PIN reset" → "factory reset" → "firmware update".

4. After reaching the desired option, wait 5 seconds. Press the Config button one last time when instructed:

🔊 "mode: press to enter XXXX mode" → "mode: entering XXXX mode"

TIP Selecting "mode: current mode" will prompt the Poly to tell you the current connectivity mode.

TIP Selecting one of the three reset options requires you to hold the Config button for several seconds.

Bluetooth connection

File Explorer is a new feature, is a standalone app, so matter which mode is selected

NOTICE Bluetooth is a user friendly wireless connection technology, but user could be worried about data security. We recommend using a VPN connection to control data security.



1. Enable Bluetooth on your control device
2. Label **File Explorer** on the control device screen
3. We recommend using 0000 as the initial name

TIP File Explorer is a folder name when connected via Bluetooth

TIP File Explorer can be changed in the Configuration

Wi-Fi network mode



Network mode allows Poly to connect to an available Wi-Fi network.

- 1. Select **Network mode** by using the Config button .
Poly is available for Wi-Fi connection when the ? status LED  starts to flash blue.

Poly will automatically look for or connect to a known Wi-Fi network. A new Wi-Fi network must first be added in the browser configuration menu. See 301 on how to connect to a Wi-Fi network.

Wi-Fi hotspot mode

Wi-Fi hotspot mode allows you to connect to a Wi-Fi network created by your Poly. It acts as a replacement for Wi-Fi when no external network is available.

1. Select **Hotspot mode** by using the Config button  using the instructions above.
The ? status LED  will flash blue and green when the Poly is in Hotspot mode.
2. Enable Wi-Fi on your control device.
3. Select the Poly name to connect to the hotspot.

* All digits in the Poly's hotspot name are unique to each device.

Factory reset

For better system performance and battery life, we recommend that you clear TufGameKey (e.g. Win) related to previous use regularly.

NOTICE Remove your Micro SD card from TufGameKey before turning it back on. After the reset is complete, a factory default state will be used if not needed.

➤ Press **Factory Reset** and a new setting will use **G**.

NOTICE When before using the new setting, you need to use a new setting TufGameKey as a preliminary use and use the device. The game will stop once the button is to the next state.

5 Browser configuration

As an alternative to the first option, you can also use the configuration menu. This menu is only visible on a control device that is connected to the Web interface. **PERFORMING STEP**

1. Make sure you are in Ethernet mode. See 8.0 for instructions.
2. In the network settings, select Poly's Wi-Fi network and select the URL "<http://192.168.1.1>".
OR
3. Connect your network adapter to www.poly.com.

The configuration menu has three sections:

- Wi-Fi settings
- Manage Connections
- Play Mode settings

5.1 Wi-Fi settings

The Wi-Fi settings are available via the:

- Home page.
- In the network menu, click on one of the Wi-Fi network you wish to use.
- Press a Wi-Fi network to connect to from the menu.
- Keep in mind that the Wi-Fi hotspot created by your Poly when in hotspot mode.
- Select the country for the network you select.

9.2 Manage Connections

The **Manage Connections** task bar allows you to:

- Delete a previously saved Wi-Fi network from Polysync 2.0.

9.3 Play Mode settings

The **Play Mode settings** section allows you to:

- Select a streaming playback mode.
 If you do not want to set up a streaming format, at the bottom of the page or in chapter 7 of this manual.
- Select **Room Ready to Use** Room as the audio playback mode.
 Select **DSD** or **24-bit/192kHz** format.
 See 910.2 for more information.
- Select **Other** to use **Mastered**, **Mastered** or **Mastered** as the audio playback mode.
 • Select **MP3** or **Performer Audio** (available for streaming Mastered format only).
 Select **Keep in Hotspot Mode** if you wish to keep the connected Polysync 2.0 open.
- Save your settings.

⚠️ **Warning:** Keep in Hotspot Mode if you want to connect to a newly added Wi-Fi network.

Play mode settings

Poly Remote Setup

Choose Your Play Mode:

☒ Room Ready ☐ DSD

☒ Other

Other Settings:

☒ MPQ Bit Perfect Audio

☐ Keep In Hot Spot Mode

Save

☐ Reboot on save

Wi-Fi settings

Poly Remote Setup

Personalize your Poly's network name:

Poly

Enter your Wi-Fi details:

ssid: manualize

Password

Save

☐ Reboot on save

Manage connections

Available Connections

SSID	Action
Device A	Forget
ssid: manualize	Forget

Hotspot settings

Personal Hotspot Password

Set your Hotspot Password:

Password

Confirm Password

☐ Disable Password

Save

TIP When switching between Hotspot mode and Network mode, press **Save and Reboot** to ensure Poly reboots in the new mode.

10 GoFigure app - Extra features

The GoFigure app's Settings menu has some additional modes that allow you to customize your audio output to your preference.

10.1 Bit Perfect

Adjusting the volume with the physical controls of your device does not necessarily equal 20 dB or 10 dB, depending on the device. Instead, use the physical volume controls on your device to do this manually. This is Bit Perfect.

- Select **Other Music Services** 7 in the Settings playback menu (see below) to do this.
- Select **Bit Perfect** 8.

TIP Bit Perfect mode will not disengage the digital output volume control.

10.2 Read DSD

² For more details, see also the 767 pages of the book.

NOTE: Enabling Peer DED will disable the nmap scan engine.

- Select Room Ready **6** In DSD mode becomes available
- Select Room DSD **8**

103 Quickplay

• Transfer your old SIM card to a new one if you're making a switch or the phone is sold

- Select **Quickplay Controls**
- In the top-left home screen, press **LAUNCH QUICKPLAY**
- To set one of the available play lists to begin play with

TIP Jenkins uses the `git` connector to connect to any `git` repository. Jenkins also has a `svn` connector to connect to any `svn` repository.

TIP H² levels can be measured in implants such as H²o, CO₂, Glucose, H₂, or H₂A₂ (Glycemia).

10.4 General Settings

The **General Settings**  menu contains information about the network and the contents of the Memory Bank.

- **Click Refresh INA Database** to refresh information about already installed Microsoft Windows.

10.5 Device Settings

The **Device Settings**  menu allows you to manage the settings.

- **Click Re-run Wizard** to check the final configuration process.
- **Click Factory Reset** to reset the device to its default factory settings.

11 Registering Poly

Registering your Poly is important because it activates the free 12 month warranty period that comes with the purchase of Poly.



Register your Poly in one of these two ways:

- Register your Poly via the Chord Electronics website:
www.chordelectronics.co.uk/register-product
- Register your Poly after completing the Setup Wizard in the GoFigure app. See §5.2 for instructions.

12 Updating Poly

Next, firmware will be released to add support for high performance and introduce new features to Poly. These updates will be available for the Polycom app.

1. In the Polycom app, go to **Settings** > **Device Settings**.
2. Under **Firmware**, poly will show the update you wish to install.

Only the latest update will be shown and flagged as

4. Select **Firmware Update** by tapping the icon and an  will start downloading.

NOTICE Polycom provides an update schedule of new updates. Check the app regularly to keep your device up to date.

NOTICE Updates cannot be downloaded when Poly is connected to a network with a slow internet connection.

1.3 Technical Specifications

We are excited to showcasing this state-of-the-art device. For more information, visit www.chipselectronics.com or www.chipselectronics.co.uk for detailed technical specifications.

Dimensions	150 x 80 x 20 mm	
Weight (Net)	120 g	
Total weight	140 g	
Playback time	Approx. 2 hours	
Charging time	Approx. 5 hours	
Charging input	5V / 2A	
Wi-Fi	2.4 GHz	
Bluetooth	v4.2 / BLE	
OS (Supported)	Android	iOS (v12+)
OS Version	Android 10	iOS 13.0+
Storage	16GB / 32GB / 64GB (expandable via SD)	



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