

# INTERPHONE

stay in touch

## ERA 1 X

### USER MANUAL



SOUND BY  
**harman/kardon**



MESH 3.0



BLUETOOTH 5.3

ITALIAN  
DESIGN



#### **BEFORE YOU START:**

- 1) Download the Interphone Unite app
- 2) Pair your phone via Bluetooth to the intercom
- 3) Launch the app and follow the wizard

# Index

<b>1 - Introduction</b>	<b>Page 3</b>
<b>2 - Installation on the helmet</b>	<b>Page 4</b>
<b>3 - Main commands</b>	<b>Page 5</b>
<b>4 - Voice commands “Hey Interphone”</b>	<b>Page 7</b>
<b>5 - Using the telephone</b>	<b>Page 8</b>
5.1 Pairing the main phone	Page 8
5.2 Pairing a second phone	Page 8
5.3 Making and answering calls, speed dialing	Page 9
5.4 Music	Page 10
5.5 Radio FM	Page 10
<b>6 - Use with TFT, GPS and Actioncam</b>	<b>Page 11</b>
<b>7 - Mesh Communication</b>	<b>Page 12</b>
7.1 What is Mesh3.0	Page 12
7.2 Mesh Mode	Page 12
7.3 Mesh participation request function (“mesh reach out”)	Page 13
<b>8 - Bluetooth communication</b>	<b>Page 14</b>
8.1 Intercom Functions	Page 15
8.2 Bluetooth Intercom Bridge Function <> Mesh	Page 16
<b>9 - Wave</b>	<b>Page 17</b>
9.1 What is Wave	Page 17
9.2 Main features	Page 17
9.3 How it works	Page 17
<b>10 - Using the INTERPHONE UNITE App and advanced functions</b>	<b>Page 18</b>
10.1 Firmware Update	Page 18
10.2 Device Settings	Page 19
10.3 RideGlow	Page 19
10.4 QR Matching	Page 19

## **Welcome to Interphone by Cellularline Group!**

Thank you for choosing Interphone ERA1X.

ERA1X is a premium communication system for motorcyclists, combining Mesh 3.0 technology, Bluetooth Intercom and Wave Intercom, offering stable connections and easy management while riding.

Designed with Italian design and equipped with a Harman Kardon audio section, ERA1X allows you to communicate with other motorcyclists, manage calls, listen to GPS directions and audio content clearly and continuously.

## **INTRODUCTION TO THE MANUAL**

This manual provides the information necessary to properly use the ERA1X device.

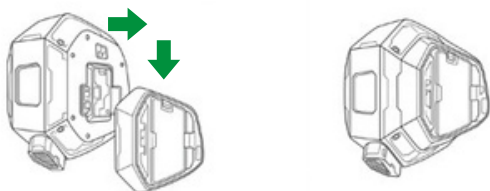
In particular, it explains how:

- configure the device
- connect it to smartphones, TFT and other intercoms
- use Mesh, Bluetooth and Wave Intercom modes
- manage the main audio and control functions

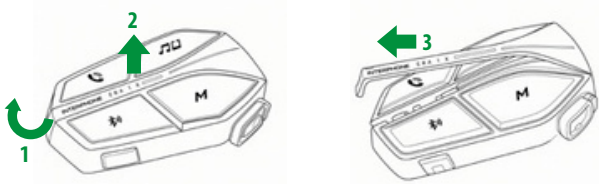
Before use, please read this manual carefully to understand the features of the device and use it correctly and safely.

## 2 Installation on the helmet

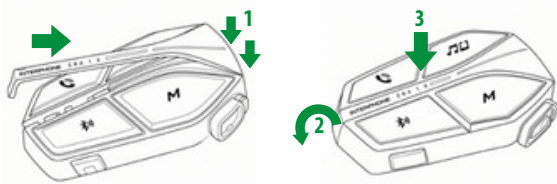
### INSTALLATION



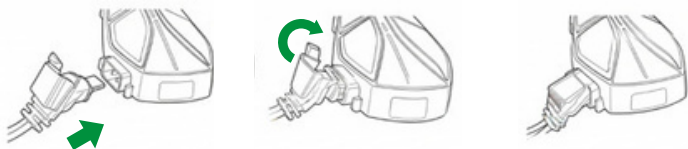
### COVER REMOVAL



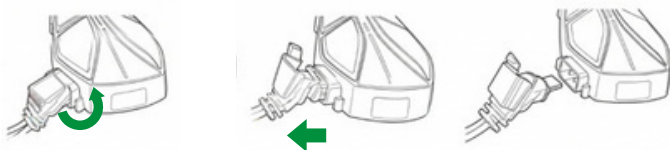
### COVER INSTALLATION



### AUDIOKIT INSTALLATION

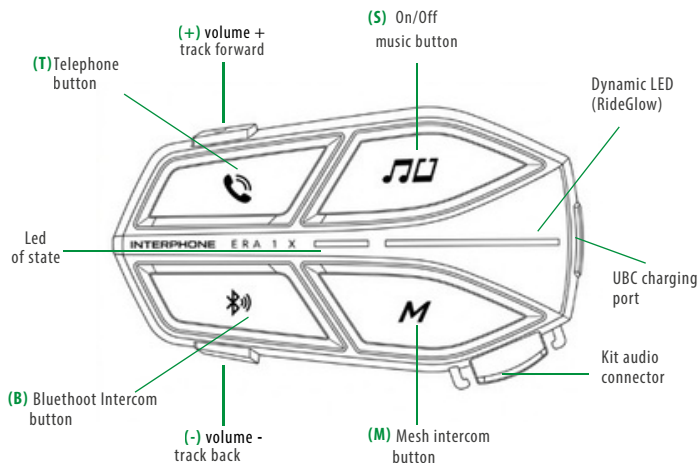


### AUDIOKIT REMOTION



## 3 Main commands

First start-up: we recommend downloading the Interphone app before turning on the device and pairing the intercom via Bluetooth to your smartphone.



download APP  
**Intercom Unit**



download APP  
**WAVE Intercom**

download user Guide at [interphone.com](http://interphone.com)

What do you want to do?	What you need to do	Led	Audio message
Power On Power Off	Press S for 1 sec	Blue status LED,	"Hi, battery level high/medium/low"
Increase Volume	Press S 2 sec	rideglow illuminated	"Goodbye"
Decrease Volume	Press +	Red status LED	beep
Siri/Google	Press -	Rideglow increases	beep
(* only after pairing the phone)	Press T for 3 seconds or say "Hey Siri / Hey Google"	Rideglow decreases	beep

## CONFIGURATION MENU

What do you want to do?	What you need to do
Access the configuration menu	Press B for 10 sec
Scroll through the menu Confirm	Press (+) and (-)
	Press T

Menu items	Functions
Phone Pairing	Pair the main phone
Second Phone Pairing	Pair a second phone
GPS Pairing	Pair a GPS or TFT
Anycom Pairing	Pair an older generation intercom or a brand other than Sena, Cardo and Midland
ActionCam Pairing	Pair an ActionCam
Delete All Pairings	Delete all intercom and Bluetooth pairings (phone, GPS, etc.)
Factory Reset	Restore the device to its original condition
Exit	Exit the configuration menu

# 4

## Voice commands “Hey Interphone”

The ERA 1X device features a built-in voice assistant, which allows you to obtain information and activate some features not available through Siri or Google Assistant. The voice assistant is self-learning: it gradually adapts to the user's tone of voice and accent.

To ensure optimal functioning, it is recommended to speak in a natural tone of voice, avoiding shouting or speaking too quietly.

To use Siri or Google Assistant, simply say “Hey Siri” / “HeyGoogle”. To use intercom voice commands, say “HEY INTERPHONE”, wait for the confirmation beep, and then say the desired command.

The available commands and their actions are listed below.  
(The list of commands is also available in the Interphone Unite APP Settings menu -> Device settings -> List of voice commands).

Activation	Action	Voice Command
Not necessary	Activate Siri	{Hey Siri}
Not necessary	Activate Google assistant	{Hey Google}
Not necessary	Incoming phone call	Reply
		Ignore
Hey Intercom + voice command	State	Check Battery
		Volume up
		Volume down
	Telephone	Redial number
		End Call
		Phone pairing
	Music	Play Music
		Stop Music
		Previous track
		Next track
	Radio FM	FM Radio on
		FM radio off
	Intercom Bluetooth	Intercom One
		Intercom Two
		Intercom Three
		End Intercom
	Mesh Intercom	Mesh on
		Mesh off
	Mesh Intercom	Wave Intercom on
		Wave Intercom off

## 5 Using the phone

### 5.1 Pairing the main phone

**First time power on:** When you power on the ERA1X for the first time, it automatically enters phone pairing mode. Go to your smartphone's Bluetooth menu and select "ERA1X" from the list of available devices. Provide any confirmations requested by your smartphone.

It is recommended to download the Interphone Unite app and follow the guided setup steps (important: create a unique name for your device to simplify pairing with your friends).

#### ERA 1X PROCEDURE:

Device	What you need to do	Led	Audio message
ERA 1X	1. Switch on the ERA 1X 2. Press T for 5 sec	Blue and Red Status Light RideGlow Blue and Red	"Phone pairing" Repeated beep
Phone	Select from the Bluetooth settings of your ERA 1X	\	\
ERA 1X	\	Blue Status Light	"Headset paired, phone connected"

**Procedure via Voice Command:** see chapter 4.

### 5.2 Pairing second phone

**Procedure from ERA 1X:** see chapter 3 - Configuration menu

## 5.3 Make and answer phone calls, speed dial

What you need to do	Device	What to do
Accept incoming call	ERA 1X	Press <b>T</b>
Reject incoming call	ERA 1X	Press <b>T</b> 2 sec
End a call Make a call	ERA 1X	Press <b>T</b> 2 sec
	ERA 1X	Press <b>T</b> 3 sec (Siri/Google)
Activation of the "Speed Dial" menu	ERA 1X	1- Press (+) for 3 sec
Choice between: <ul style="list-style-type: none"><li>• redial last number</li><li>• speed dial1</li><li>• speed dial2</li><li>• speed dial3</li><li>• cancel</li></ul>	ERA 1X	2- Press (+) or (-) to switch between commands
Confirm the chosen command	ERA 1X	3- Press <b>T</b> to confirm and start the chosen action

**Procedure via Voice Command:** see chapter 4.

## 5.4 Music

### ERA 1X PROCEDURE:

What do you want to do?	What you need to do
Start music from your favorite player via Siri/Google	Press <b>T</b> 3 sec
Play	Press <b>S</b>
Stop	Press <b>S</b>
Track forward	Press <b>+</b> 1 sec
Track back	Press <b>-</b> 1 sec

**Procedure via Voice Command:** see chapter 4.

NB: Music sharing is NOT a feature available on ERA1X.

## 5.5 Radio FM

What do you want to do?	What you need to do
Start/Stop FM Radio Activate	Press <b>(-)</b> 1 sec
New station search	Press <b>T</b> 1 sec
- Search memory forward or backward	Press <b>(+)</b> - <b>(-)</b>
- Search frequency forward or backward	Press <b>(+)</b> - <b>(-)</b> <b>1 sec</b>
- Exit station search	Press <b>T</b> 1 sec

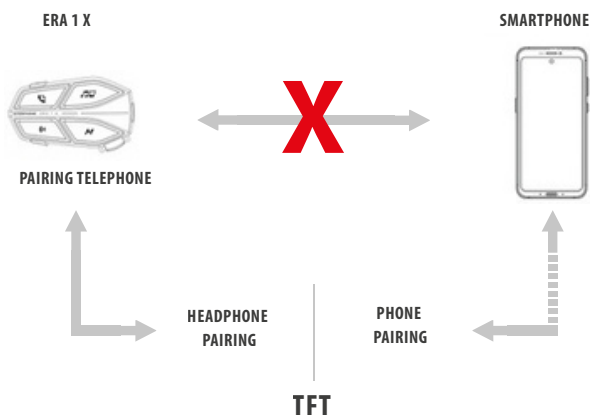
**Procedure via App:** press FM Radio to manage memories and activate/deactivate the radio.

**Procedure via Voice Command:** see chapter 4.

# 6

## Use with TFT, GPS and Actioncam

TFT and GPS devices vary in functions and use of functions, some functions described in this manual may no longer be available. The ERA 1X can be paired with multiple Bluetooth devices; this process only needs to be done once. The intercom will then automatically recognize previously paired devices.



**TFT:** Motorcycle TFT systems must be paired as the first phone, following chapter 5.1. (Therefore, the phone must be paired EXCLUSIVELY to the TFT; DO NOT PAIR THE PHONE TO THE INTERCOM AS WELL.)

### GPS, AND ACTION CAM

**Procedure from ERA 1X:** see chapter 3 - Configuration menu With an action cam, you can record the audio of Mesh Intercom and Bluetooth Intercom conversations directly into the videos.

Additionally, you can use the action cam's voice commands via the headset's microphone. For detailed information on available voice commands, please consult your action cam's manual.



**Note:** When the device is paired with an action cam, Music playback and FM radio are disabled.

# 7 Mesh Communication

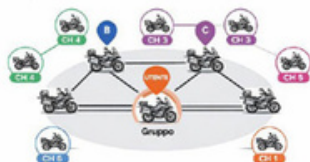
## 7.1 What is MESH 3.0

### Open Mesh



Era 1X is equipped with MESH 3.0 technology, the latest evolution of MESH intercom communication, which allows you to talk freely with Interphone and Sena devices without having to pair them and without any position constraints within the group.

### Group Mesh



Within the same channel in Open Mesh (public communication, anyone can join) or the same private group in Group Mesh (private communication), users can talk simultaneously and enjoy excellent quality conversation.

**To enable communication with Mesh Interphone/Sena devices of previous or non-updated models, it is possible to switch from Mesh 3.0 to Mesh 2.0 via the App (see chapter 10.2).**

## 7.2 Mesh Mode

What do you want to do?	What you need to do	Led	Audio message
Activate Mesh	Press M	Green status LED	"Mesh intercom active, channel 1"
Turn off Mesh	Press M	Blue status LED	"Mesh intercom not active"
Select Open Mesh channel	Press M twice		
Change channel	Press (+) – (-) and then T to confirm the selected channel		"Channel 1" etc.
Enable/Disable Microphone	Press M for 1 sec.	Two green LEDs	"Active microphone"
Switch from Open Mesh to Group Mesh	Press M for 3 sec.	Two green LEDs	"Mesh Group"
Reset Mesh Connection	Press M for 8 sec.	Two green LEDs	"Restore Mesh"

## 7.3 Mesh Participation Request Function ("mesh reach out")

To talk in **Mesh** mode, all devices must have Mesh mode enabled. If one or more users have Mesh mode disabled, you won't be able to start a conversation directly.

The **Mesh Reach-Out** feature does just that: it allows you to send a request to nearby users (up to 100 meters) to let them know that you want to talk in Mesh.

It's like a "call alert" that prompts the other user to activate Mesh mode.



**Important:** This feature does not automatically activate Mesh on the other user's device. The person receiving the request must manually activate Mesh mode.

### HOW TO USE

- To send or receive a Mesh Reach-Out request, the function must be activated in the Interphone Unite app, on all group members.
- To send the request, triple-press the Mesh Intercom button.
- Users receiving the request must activate Mesh mode using the button on their device as normal.

## 8 Bluetooth communication

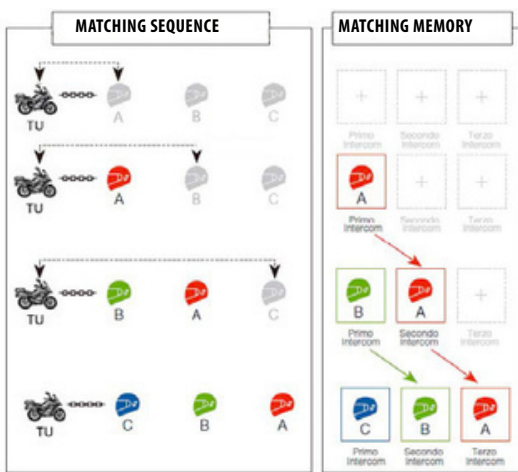
To talk to another user via Bluetooth Intercom, you need to connect your ERA1X to the other device.

**This operation is performed only once.** After the first connection, the two devices will automatically recognize each other.

The other user's device is saved in your ERA1X's memory, and your ERA1X is saved in the other device's memory.

You can connect up to 3 other intercoms (Interphone, Sena, Cardo, Midland) to your ERA1X, even using different models in the same intercom group.

If you connect multiple intercoms, ERA1X assigns priority based on the order in which they are connected: the last device connected will have the highest priority (as shown in the diagram below).






This means that:

- the last intercom added will be the first to be called when you start a conversation;
- the second to last will be the second;
- the first connected will move to third position.

**You can view the list of connected devices via the Interphone Unite app.**

## 8.1 Intercom Functions

What do you want to do?	What you need to do	Led	Audio message
Pairing devices (repeat this procedure for each control unit to be matched)	Press <b>B</b> 5 sec	Green status LED	"Intercom pairing" repeated beeps, waiting for second device
Stop pairing	Press <b>B</b>	Blue status LED	2 bip
Start/end a conversation with an already paired intercom	Press <b>B</b> 1 time for the first intercom 		
	Press <b>B</b> 2 times for second intercom 		2 "beep"
	Press <b>B</b> 3 times for the third intercom 		2 "beep"
Pairing devices from previous generations or other brands (*)	See chapter 3 Configuration menu		

**(\*) other brands means intercoms other than Interphone, Sena, Cardo and Midland.**

### PAIRING VIA APP



Press "Bluetooth Intercom" and press "+" on the slot to use.

Perform the same procedure on the second control unit's app, scanning the QR code on the other user's app screen.

You can also select previous matches by clicking the match history icon.

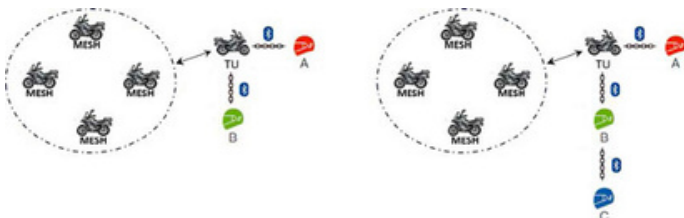
## 8.2 Bluetooth Intercom Bridge Function <> Mesh

You can use ERA 1X as a “bridge” to join Bluetooth devices to a Mesh group.

What do you want to do?	What you need to do	Led	Audio message
Adding one or more Bluetooth intercoms to a Mesh conversation	1. Press <b>M</b> (Activate Mesh)	Green status LED	“Mesh intercom active, channel 1”
	2. Press <b>B</b> 1 time for the first intercom (2 times for the second intercom)	Green status LED	“beep”

This way you can use Mesh Intercom communication and a Bluetooth Intercom conversation at the same time according to the possible configurations:

1. Mesh + 2-user Bluetooth Intercom (User A)
2. Mesh + Bluetooth Intercom with 3 outputs (outputs A, B)
3. Mesh + Intercom Bluetooth with 4 outputs (outputs A, B, C)



### 9.1 What is Wave

Sena's Wave Intercom is a smartphone application that allows you to enjoy unlimited conversations over cellular data (VoIP), even long distances, with any type and brand of intercom. The Sena Wave Intercom app is available for free download from the Apple App Store and Google Play. The ERA1X is optimized for use with Wave Intercom and guarantees improved performance and audio quality. With the ERA1X, you can manage the main Wave Intercom functions directly from the device buttons, without using your smartphone.

### 9.2 Main features

- **Unlimited Communication:** Talk to anyone with the app, anywhere, without distance limits, using the cellular network.
- **Geo Wave & Friends Wave:** Create private groups with friends from your list for private conversations, visible on the map.
- **GPS Tracking:** View the location of your travel companions in real time on the map.
- **Auto Switching:** Automatically switches between Wave (cellular network) and Mesh Intercom when needed, seamlessly.
- **Compatibility:** It also works with motorcyclists who do not use intercom devices, it is also possible to use it with different devices such as Bluetooth headsets.

### 9.3 How it works

Download the app, available for free on the Google Play Store and Apple App Store. The first time you use it, you'll need to create a user profile within the app.

**1. Start the conversation: Double-press the Mesh Intercom button on your ERA 1X device or the "Geo Wave" button in the app to enter the Wave Zone. Press the Mesh button again to stop WAVE communication or the Phone button to switch to MESH communication.**

**2. Manage the group: Add friends to create private groups, keeping the conversation private.**

# 10

## Using the INTERPHONE UNITE App and advanced functions

The Interphone Unite app simplifies every procedure described so far making every function simpler and more intuitive.

It is also possible to access advanced functions that allow you to optimize use based on the helmet, the rider and the type of motorcycle.

### 10.1 Firmware update

It is always very important to update your ERA 1X intercom. To do so, simply follow the procedures described when opening the application or by clicking on the “settings” icon (gear symbol) at the top right.

## 10.2 Device Settings

By clicking on the Settings icon at the top right of the home screen, you can access the advanced “Device Settings” menu.

Menu items	What you need
Speed dial	You can add them manually or import them three contacts from the address book, to be called back with the speed dial function (see chapter 5.3)
General Volume	Within the same channel in Open Mesh (public communication, anyone can join) or the same private group in Group Mesh (private communication) users can talk simultaneously and enjoy a high-quality conversation.
Equalizer	When set to ON, the volume of all audio sources is adjusted uniformly via a single control; when set to OFF, each audio source maintains an independent volume level.
Intelligent volume control	When active, it allows you to automatically control the volume levels of music and radio based on the background noise perceived by the microphone (hiss and turbulence).
Mesh 3.0	The volume of background audio (e.g. music during an intercom communication).
FM Radio	Advanced radio features
Background Volume	You can change Mesh mode from 3.0 to 2.0 to connect older or non-updated models.
Mesh Participation	Activate the function to be able to send a notification to another motorcyclist to reconnect to the Mesh communication (see chap. 7.3).
Automatic On/Off	Activate/deactivate automatic shutdown after 2 minutes without any movement being detected.
Microphone sensitivity	As standard, a communication is activated when the microphone detects the volume of your voice. This level can be increased or decreased depending on the noise level of your helmet (for example, a jet helmet on a naked bike will have more background noise than a touring bike with a full-face helmet) so as to avoid continuous involuntary “openings” of communication.
Sidetone (Return)	Enables the ability to have your voice feedback in the headset during intercom conversation.
Vox	Allows you to activate the voice response function to telephone calls.
Voice Assistant	Enable Hey Siri / Hey Google
Voice Commands	Enable Interphone voice commands
Language	Change language
List of Voice Commands	List of available voice commands

## 10.3 RideGlow

By clicking the RideGlow tab on the home page, you can vary the light displays of ERA 1X, aesthetically customizing your device.

## 10.4 QR code matching

By clicking the QR code icon on the home page, you can activate Bluetooth intercom pairing via QR, see chapter 8.1

# **INTERPHONE**

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