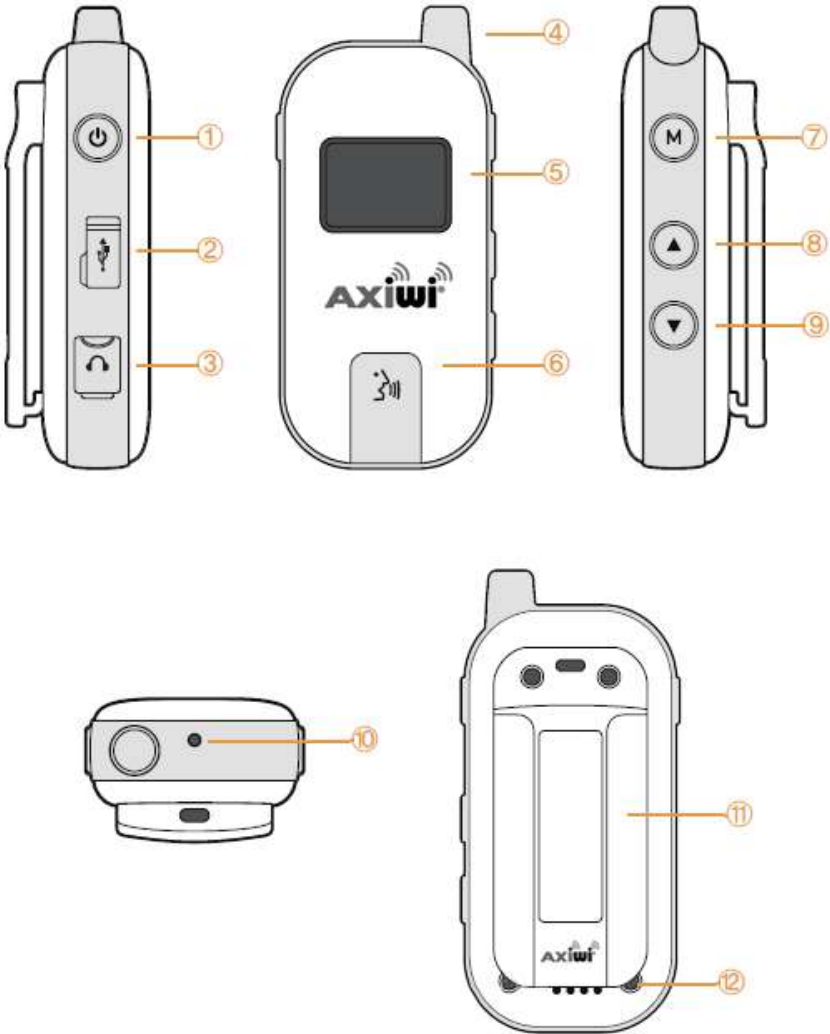




AXIWI AT-350

Operating Manual

Device Diagram

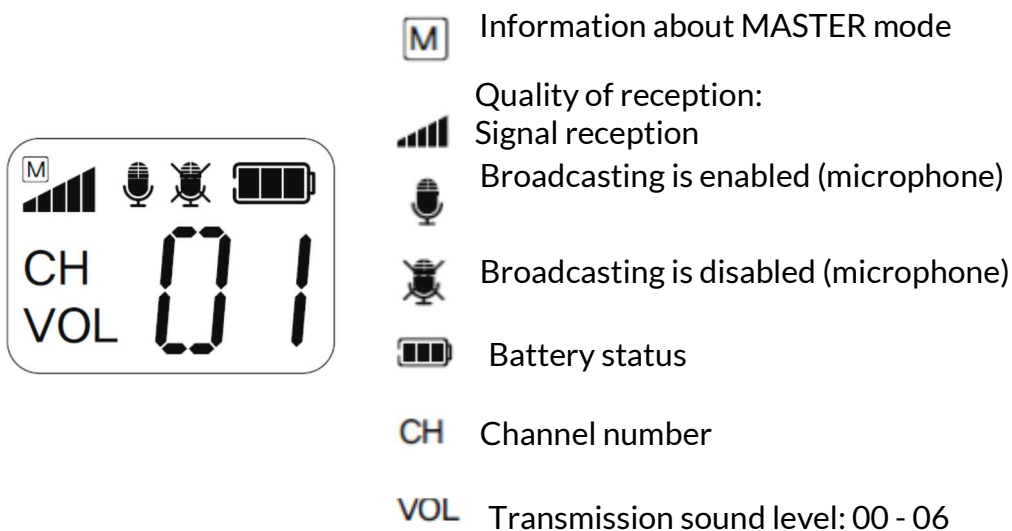


1. Power button	Enables or disables the device
2. Micro USB port	Charges the battery by connecting the USB cable
3. 3.5 mm jack	For connecting headset
4. Antenna	Antenna for transmitting / receiving broadcasts
5. LCD display	Provides important information for users
6. TALK button	Enables and disables broadcasting (microphone)
7. MENU button	Unlocks channels

8. UP button	Increases the volume of broadcast reception and changes channels
9. DOWN button	Decreases the volume of broadcast reception and changes channels
10. LED indicator	Displays the battery charging status. Red LED - charging, green LED - fully charged.
11. Belt clip	Used to transport the device
12. Battery plates	Used to charge the device in a dedicated bulk charger

Before starting AT-350 system configuration, it is recommended to connect the headsets to the 3.5 mm jack sockets in the devices.

Display Diagram




AT-350 launch

First enable the MASTER mode



1. Press and hold the power buttons and ▲ simultaneously for approx. 2 ~ 3 seconds
2. The LCD will start up and the voice message MASTER ON will be played on the handset.

Enabling SUBMASTER mode +

1. Press and hold the power buttons and  simultaneously for approx. 2 ~ 3 seconds
2. The LCD will start up and the voice message TALK ON will be played on the handset.



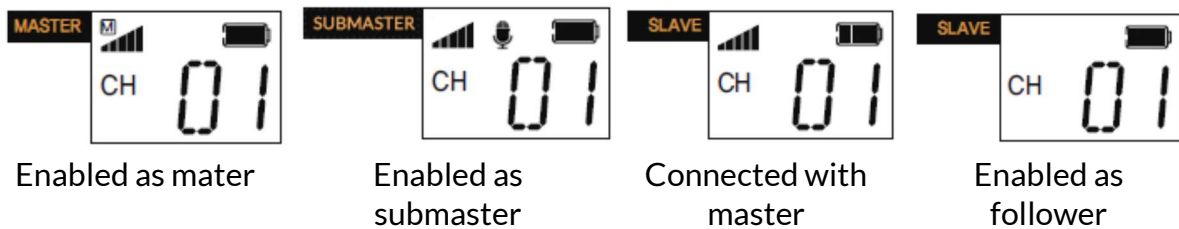
Enabling FOLLOWER mode

1. Press and hold the power button simultaneously for approx. 2 ~ 3 seconds.
2. The LCD will start up and the voice message SLAVE ON will be played on the handset.

Disable device

1. Press and hold the power button simultaneously for approx. 2 ~ 3 seconds.
2. The LCD screen will turn off and the message POWER OFF will be played on the handset.

Operating Modes



MASTER MODE

MASTER allows the communication and management of the entire group. Each communication channel in the Axiwi AT-350 system must have one device working in the MASTER mode. If no device is operating in this mode on the channel or it is disabled, the whole group will lose the ability to communicate with each other.

After enabling the MASTER mode and connecting the microphone to the socket, the user can immediately communicate with the group. No user of SUBMASTER and FOLLOWER devices can mute or dismiss the master from the group.

SUBMASTER MODE







SUBMASTER, like the **MASTER**, can immediately communicate with the entire group after startup, but it does not have the **MASTER** function. There can be up to 5 devices working in SUBMASTER mode on one channel, but then the possibility of transmission (speaking into the microphone) for devices in the FOLLOWER mode is blocked. Disabling the device in the SUBMASTER mode will not cause any interferences in the communication of the whole group.

After starting the SUBMASTER mode and connecting the microphone to the socket, the device user can immediately communicate with the group. The MASTER user and FOLLOWER users cannot mute or dismiss the SUBMASTER from the group.

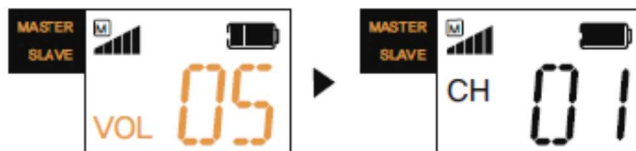
FOLLOWER MODE

FOLLOWER can communicate with the entire group or only be a recipient of an audio transmission. In the FOLLOWER mode, the AT-350 can only join or leave group communication. Simultaneous communication is possible for 5 users + 1 MASTER (if there are no SUBMASTER devices in the group), i.e., 6 devices working in full duplex. If a 7th user joins the conversation, the AT-350 will be automatically dismissed from the communication mode in the FOLLOWER mode that has had the communication mode enabled for the longest time (enabled microphone).



Sound Wuality

1. Press  /   (UP)/< graphics >  < graphics >, symbol [VOL].
2. Change the sound level by pressing  (UP) /  (DOWN)
3. If you do not press any buttons, the screen will return to default status after 1.5 seconds.

* The audio pickup level can be adjusted from 00 to 06.



Change of Channel →

1. Press the MENU button, [CH] will start flashing
2. Change the channel with  (UP) /  (DOWN)
3. Press MENU again to confirm your channel selection.

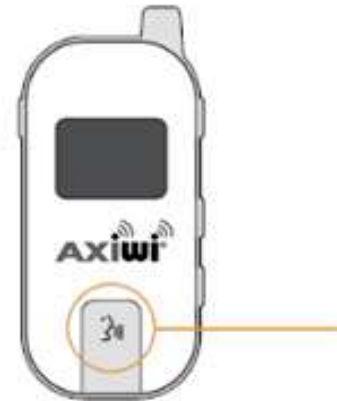
* Channel memory: After rebooting, the device remembers the previous channel number.



Enabling / disabling broadcast transmission (applies to FOLLOWER)

Enabling broadcast (microphone)

1. Press the TALK button.
2. The symbol of an enabled microphone will appear on the display and the voice message TALK ON will be played on the handset.




Disabling broadcast (microphone)

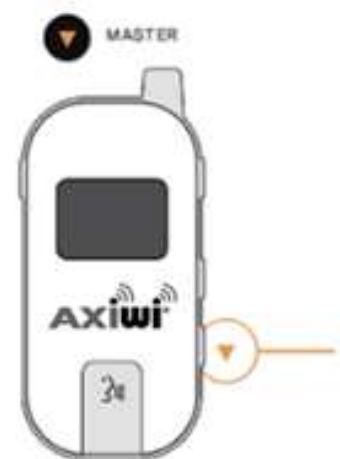
1. Press the TALK button.
2. The microphone symbol will disappear from the display and the handset will play the voice message TALK OFF.




Managing the FOLLOWERS group

Confirms the prohibition of transmitting from the microphone on all devices in FOLLOWER mode on the channel. It does not apply to devices in SUBMASTER mode.

1. In the MASTER device, press and hold  (DOWN) for approx. 3 ~ 5 seconds.
2. The FOLLOWER device will display the symbol of a blocked microphone and you will hear a voice message 'toot-toot' in the handset.
3. At this point, the user in FOLLOWER mode cannot communicate in the group.



Unblocking broadcasting for FOLLOWER

1. In the MASTER device, press and hold the button  (DOWN) for approx. 3 ~ 5 seconds.
2. The locked microphone symbol will disappear from the FOLLOWER display and the 'toot-toot' message will be played on the handset.



Battery Charging Status

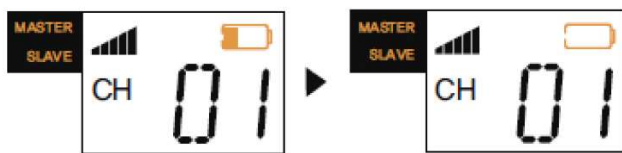
The device can be charged via the Micro USB cable.

The red LED (●) on the top of the device will light up when charging.

When recharging is complete, a green (●) LED will flash.

The remaining battery charge is displayed in the battery icon.

When the battery level is low, the earpiece will beep "BATTERY LOW" (10 times for 5 minutes) and the battery icon will flash.



Technical Specification

Frequency band	863.15 MHz ~ 865 MHz
Modulation	GFSK
Number of channels	8
Simultaneous full duplex communication	Up to 6 users (1 MASTER + 5 SUBMASTER / FOLLOWER)
Communication modes	MASTER, SUBMASTER, FOLLOWER
Frequency by channel	863.15, 863.40, 863.65, 863.90, 864.15, 864.40, 864.65, 864.90
Frequency response	Below 300 kHz
Transmission output power	10 mW
Transmission range	+ / - 300 meters in line of sight
Battery capacity	Li-Pol 3.7 V 1300 mAh
Battery life	Max. 10 hours
Battery charging time	~ 4 hours
Dimensions	38 x 78 x 19 [mm]

Weight	70 g
Charging port	Micro USB
Headphone/microphone socket	Jack 3.5 [mm]
Tightness class	IP54

Service and Distribution



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