

Aina PTT Wired Voice Responder With Zebra FR55 Rugged Connector

USER GUIDE



Aina PTT is continuously evaluating technical publications that have been produced for completeness and technical accuracy. You can assist us in this process by submitting your comments and suggestions to the following address:

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Repairs to this equipment should be made only by an authorized service technician or facility designated by the supplier. The opening of the device's back cover or any repairs, alterations or substitution of parts made to this equipment not approved by the manufacturer will void the user's authority to operate the equipment in addition to the manufacturer's warranty.

This product conforms to the European Union WEEE Directive 2012/19/EU. Do not dispose of this product in a public landfill or open fire. Take it to a recycling center at the end of its life.

Hereby, AINA Wireless Finland Oy declares that the radio equipment type AINA PTT Wired Voice Responder is in compliance with Directive 2014/53/EU

The full text of the EU declaration of conformity is available from the following internet address: www.ainaptt.com/certifications/

SAFETY CONVENTIONS

The following conventions are used throughout this manual to alert the user to general safety precautions that must be observed during all phases of operation, service, and repair of this product. Failure to comply with these precautions or with specific warning elsewhere in this manual violates safety standards of design, manufacture, and intended use of the product. AINA Wireless assumes no liability for the customer's failure to comply with these standards.

FCC Part 15

15.21

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

15.105(b)

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 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.

Operation is subject to the following two conditions:

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

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Industry Canada

1. This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
2. Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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OVERVIEW

The Aina PTT Wired Voice Responder is a wired communication device. The PTT Wired Voice Responder incorporates a speaker, a microphone with push-to-talk, an emergency button and auxiliary buttons. In addition, support for an audio headset is provided by a 4-pin audio jack, which, when in use, mutes the device's speaker. The internal battery is charged via Zebra FR55 or Aina PTT Charging Cradles. The rear of the Aina PTT Wired Voice Responder includes a clip for attachment to a lapel or belt.

The Aina PTT Wired Voice Responder supports Covert mode. When this is activated, LED indications are suppressed and audio annunciations are selectively muted.



Figure 1: Controls and indicators

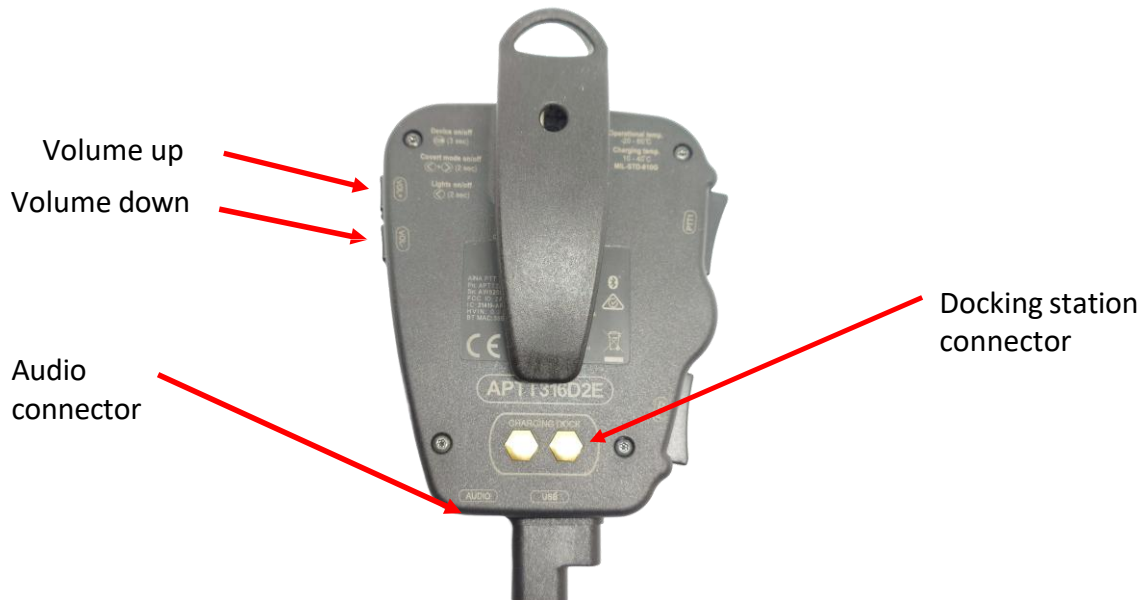


Figure 2: Rear view and connectors

INCLUDED IN THE PACKAGE

- 1 pcs Aina PTT Wired Voice Responder
- 2 pcs M2 x 4mm Torx screws

OPERATING THE AINA PTT WIRED VOICE RESPONDER

ATTACH VOICE RESPONDER TO ZEBRA FR55

1. Place Zebra FR55 to flat surface.
2. Align Voice Responder connectors one side to groove on Zebra FR55 side.
3. Push connector gently to lock another end as well.



4. Attach two M2 x 4mm mounting screws on each side of connector and tighten them with Torx T6 screwdriver.



5. Voice Responder is now properly attached to Zebra FR55.



CHARGE THE BATTERY

- Aina PTT Wired Voice Responder charges internal battery via Zebra FR55.
- Alternatively, it can charge via docking station, if a docking station is used the charger should provide at minimum a 700mA current.
- A SOLID RED light on the Aina PTT Wired Voice Responder indicates charging. The light turns SOLID GREEN once the unit is fully charged. If powered on during charging, the LED will be a combination of solid red and other colors, depending on state of the device.

NOTE: Maximum allowed charging current is 2.8A

POWER ON/OFF AND INDICATIONS

- Power on: Power on Zebra FR55, it will then automatically power on Aina PTT Wired Voice Responder.
- Power off: Power off Aina PTT Wired Voice Responder, then power off Zebra FR55.
- Power on and off while the device is connected to a Zebra FR55: Press the Power button for 3 seconds and release.

VOLUME CONTROL

The volume can be controlled by pressing the volume button on the side of the Aina PTT Wired Voice Responder. A long beep indicates that the volume is at its highest or lowest position.

LEDs DISABLE MODE

LEDs Disable mode will disable LEDs for Connected, Call setup and Active- states. Event LED indications, audio routing and audio feedback are unaffected by this mode. Press the left arrow button for long to (de)activate.

COVERT MODE

In Covert mode the LED and speaker are shut off. If a headset is connected, incoming audio will be routed to the headset. Press both arrow buttons simultaneously for long to (de)activate.

EVENTS AND LED PATTERNS

EVENT	COLOR		LED PATTERN
Power ON	Green		On for 2s
Power OFF	Red		On for 2s
Idle, not connected	Green		1 blink, fast, repeated every 3700 ms
Connected	Blue	Blue	2 blinks, fast, repeated every 3700 ms
Connected, audio active	Blue		1 blink, fast, repeated every 3700 ms
Covert On / Off	Red		On for 2s
LED enable / disable	Cyan		On for 2s
Charging	Red		On continuously (Other leds mixed in)
Charging completed	Green		On continuously (Other leds mixed in)
Low battery	Red	Red	2 blinks, fast, repeated every 15 min

BUTTONS

BUTTON	STATE	PRESS DURATION	ACTION
Power	Power off	long	Power on
	Any	long	Power off
Multifunction	Active call	short	Mute toggle
Left arrow	Any	long	Active LED toggle
Right Arrow	Headset with mic plugged	long	Change between headset and Voice Responder microphone
PTT1	Active call, muted	short	Unmute while pressed
Left arrow + Right arrow	Any	long	Covert mode toggle

Button presses have 3 different lengths of presses:

- short (less than 2 seconds)
- long (more than 2 seconds)
- very long (more than 5s)

Each press length can trigger a different type of action, depending on current state.

AUDIO FEEDBACK

EVENT	tone
Power on	4 note rising scale
Power off	4 note falling scale
Mute on	Short high beep
Mute off	Short high beep
Low battery	Warning tone
Covert toggle	Short beep
Active LED toggle	Short beep

ADDITIONAL TIPS

If you need to clean up your Aina PTT Wired Voice Responder, please use water and for example a microfabric towel.

For best quality of speech, don't hold the microphone directly in front of your mouth and don't shout. Best results are achieved when Aina PTT Wired Voice Responder is at 15-20 cm in front of your mouth and speaking in a normal volume.

Avoid contact with magnetic stripe cards.

During normal use If Aina PTT Voice Responder starts to beep at 15 second interval, then connectivity has been lost between devices. Check that cable is properly attached, there is no marks of any kind of failure in cable and ZEBRA FR55 Rugged Connector is properly on place.

TECHNICAL DATA

	VALUE	UNIT
Operation time	48	h
Operational temperature	-20 to 60	°C
Charging is prevented outside temperature range	10 to 40	°C
Maximum charging current	2.8	A
Cable	40 (200 fully extended)	cm
Dimensions	76 x 88 x 34	mm
Weight	240	g

For more instructions on setting up and tips for your Aina PTT Wired Voice Responder, please visit our website www.ainaptt.com

There you can also give us feedback, if there is something that we should improve.

CUSTOMER CARE

If any part of the equipment is damaged on arrival, contact the shipper to conduct an inspection and prepare a damage report. Save the shipping container and all packing materials until the inspection and the damage report are completed.

In addition, contact the Customer Care to make arrangements for replacement equipment. Do not return any part of the shipment until you receive detailed instructions from a Aina PTT representative.

Contact Customer Care at:

Phone Number: + 358 40 322 6717

E-mail: sales@ainaptt.com