AINA PTT Voice Responder

USER GUIDE

AINA Wireless Inc. (AINA Wireless Finland Oy) 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:

AINA Wireless Finland Oy

Joensuunkatu 7G

24100 Salo

Finland

Or email us to sales@ainaptt.com

ACKNOWLEDGEMENTS

CREDITS

DECLARATION OF CONFORMITY

The material contained herein is subject to U.S. export approval. No export or re-export is permitted without written approval from the U.S. Government. Rated: EAR99 in accordance with U.S. Dept. of Commerce regulations 15CFR774, Export Administration Regulations.

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 Voice Responder (APTT1) is in compliance with Directive 2014/53/EU

The full text of the EU declaration of conformity is available from the following internet ad-dress: www.aina-wireless.com/certifications-and-declarations

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 part 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.

The AINA PTT Voice Responder is a wireless communication device that utilizes Bluetooth technology. The PTT 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 (iPhone compatible), which, when in use, mutes the device's speaker. The internal battery is charged using an industry standard micro-USB connector. The rear of the PTT Voice Responder includes a clip for attachment to a lapel or belt.

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

The PTT Voice Responder supports Android, iOS and Windows devices running a push-to-talk (PTT) application. Depending on the chosen PTT application, buttons may have different functionalities assigned to them by the PTT app developer. For detailed instructions on button functions please read device and application manual.

Figure 1: Controls and indicators

Figure 2: Rear view and connectors

INCLUDED IN THE PACKAGE

1 pcs AINA PTT Voice Responder

1 pcs USB A to micro-USB charging cable

OPERATING THE PTT VOICE RESPONDER

FIRST USE

When taken out from the sales box the PTT Voice Responder is in Storage mode. If the charger is connected, charging will still happen normally, but without LED indications. After the PTT Voice Responder is turned on for the first time, indications will be enabled.

The Voice Responder should be charged before its first use for at least 3 hours.

CHARGE THE BATTERY

- Connect the micro-USB end of the cable to the USB port on the device. Then connect the USB-A connector to a wall charger or a computer. The charger should provide at minimum a 500mA current.

- Alternatively, if a docking station is used, the charger should provide at minimum a 700mA current.

- A SOLID RED light on the PTT 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. Additionally, if the battery is totally empty, the device will shut down to Storage Mode. In this state the LEDs are not active.

NOTE: Maximum allowed charging current is 2.8A

POWER ON/OFF AND INDICATIONS

- Power on and off: Press the Power button for 3 seconds and release.

- Storage mode: Press the Power and Emergency button simultaneously. After the beep, first release the Power button and then the Emergency button. This mode can be used for long time storage or transport.

- After power up, the LED indicator and speaker may be turned off, if desired, by operating the device in Covert mode (more information on the following page).

VOLUME CONTROL

The volume can be controlled by pressing the volume button for long on the side of the PTT Voice Responder. An audio beep indicates each audio increase or decrease step. A long beep indicates that the volume is at its highest or lowest position.

PAIRING

Refer to the user documentation of the phone (and application) when performing this procedure.

1. If the PTT Voice Responder has previously been paired to another device and/or the one you are currently pairing it to, make sure to forget/unpair it from the device's Bluetooth menu.

2. If the PTT Voice Responder is turned off, press the Power button until the LED displays fast green blinks OR If the PTT Voice Responder is turned on, perform an unpairing by pressing simultaneously both arrow buttons, PTT1 and PTT2 until the device beeps twice and the LED turns off.

3. From the device's Bluetooth menu, select 'add new'. Then follow the steps displayed on the device and select the desired PTT Voice Responder to pair (use friendly name as shown in Figure 3 to find your Voice Responder from the Bluetooth menu). See the following tables for LED and audio indications for troubleshooting.

Figure 3: Friendly name printed at the back of
the PTT Voice Responder (example image)

NOTE 1: The PTT Voice Responder will stay on a connectable mode for 5 minutes, after that the device will go to sleep mode.

UNPAIRING / SOFTWARE RESET

To unpair your PTT Voice Responder from your device, you need to reset its software, by pressing and holding simultaneously both arrow buttons, PTT1 and PTT2.

After six seconds, the LED will turn off which will indicate that the PTT Voice Responder has been reseted and is in a pairable mode again.

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	NOTE
Power ON	green			On for 2s	
Connectable	green	green	green	3 blinks, fast	
Pairable	green			1 blink, fast	Continuous
Power OFF	red			On for 2s	
Unpairing / SW reset				Off	
Connected	blue	blue		2 blinks	
Active call	blue			1 blink	
Active call, muted	blue	red		2 blink	
Call setup	purple			1 blink, fast	
Link loss	yellow	yellow	yellow	3 blinks, fast	Repeats simultaneously with Connected state with approx. 15s interval.
Covert ON	red			On for 2s	
Covert OFF	red			On for 2s	
LED enable	light blue			On for 2s	
LED disable	light blue			On for 2s	
Charging	red			On continuously	Other led might be mixed in.
Charging completed	green			On continuously	Other led might be mixed in.
Low battery	red			Same pattern as active state	Pattern will be the same only color will changed to red.

BUTTONS

BUTTON	STATE	PRESS DURATION	ACTION
Power	Power off	Long	Power on
	Any	Long	Power off
	Any	Very Long	Pairing mode on
Multifunction	Call establishment (incoming)	Short	Answer
	Call establishment, active call	Long	Reject/End
	Active call	Double	Change audio and microphone between phone and device
	Active call	Short	Mute on/off
	A2DP streaming	Short	Pause/play stream
	A2DP streaming	Long	Stop stream
Left arrow	A2DP streaming	Short	Previous song
	Any	Long	LEDs on/off
Right arrow	A2DP streaming	Short	Next song
	Active audio, headset active	Long	Change between headset and Voice responder microphone
PTT1	Connectable	Short	Reconnect
	Active call, muted	Short	Unmute while pressed
PPT2	Connectable	Short	Reconnect
Left arrow + right arrow + PTT1 + PTT2	Any	Very Long	Unpairing/software reset
Left arrow + right arrow	Any	Long	Covert mode on/off
Emergency + power	Any	Long	Shutdown to storage state

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 of current state.

AUDIO FEEDBACK

EVENT	TONE	NOTE
Pairing successful	Short beep	
Power on	4 note rising scale	
Power off	4 note downward scale	
Reconnect attempt	Short beep	
Cancel / end call	Short beep	
Reset paired devices	Low double beep	
Link loss	Short beep	Repeats on top of connected state with approx. 15s interval
Low battery	Warning tone	
Reconnect success	Beep	

ADDITIONAL TIPS

- The PTT Voice Responder supports battery state information, so you can see current battery level from PPT application.

- If you need to clean up your PTT 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 Voice Responder is at 15-20 cm in front of your mouth and speaking in a normal volume.

- Avoid contact with magnetic stripe cards.

TECHNICAL DATA

	VALUE	UNIT
Operation time	24	h
Operational temperature	-30 to 60	°C
Charging is prevented outside temperature range	0 to 40	°C
Maximum charging current	2.8	A
Bluetooth specification	2.1 + EDR	
Bluetooth range at free space (Class 2 nominal)	10	m
Dimensions	76 x 88 x 34	mm
Weight	110	g

For more instructions on setting up and tips for your PTT 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 Wireless representative.

Contact Customer Care at:

Phone Number: + 358 40 322 6717

E-mail: sales@ainaptt.com