HOLLYLAND
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WIRELESS INTERCOM SYSTEM

PACKING LIST

Base Station

Professional Moving-coil Single-sided Headset

TYPE-C Cable

User Manual

Beltpack

1.9G High-Gain Base Station Antenna

XLR Adapter

Beltpack Charger

■ OPTIONAL ACCESSORIES

Headset

• 3.5mm professional single-sided headset with capacitive microphone

• 3.5mm small single-sided phone call headset

• 3.5mm air duct earphone

• 3.5mm professional capacitive/Moving-coil binaural earphone

Audio Cables

• CAT6 cable to 3-pin XLR male connector, female audio connector (support interconnection)

• 35.mm port to RJ45 port audio cable (support interconnection with other 3.5mm port audio devices)

Antenna

• 1 meter antenna extension cable

Power Cable

• D-TAP to 4-pin XLR DC power cable

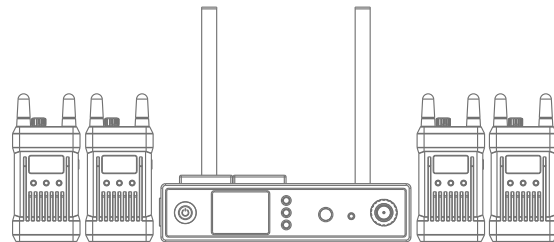# PACKING LIST

Package

• 1 pc high-grade rubber roller box

Installation

• Beltpack Cold Shoe

  Base Station mounting ear and accessories package

Tally Light

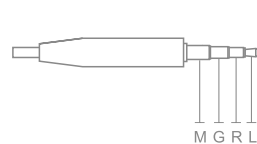• External double-color tally light and extension line

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WIRELESS INTERCOM SYSTEM

MARS T1000

1000FT FULL-DUPLEX WIRELESS INTERCOM SYSTEM

USER MANUAL

BASE STATION INTERFACE INTRODUCTION
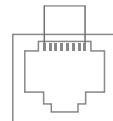

GND   +12V

M G R L

HANG IN AIR

3.5mm Headphone Port   DC Power Supply(4-pin XLR male)

■ INTERCOM 4 WIRE

Pin1-Pin8

Pin 3：AUDIO OUT+   Pin 6：AUDIO OUT-
Pin 4：AUDIO IN+   Pin 7：GND
Pin 5：AUDIO IN-   Pin 8：GND

	AUDIO OUT	AUDIO IN
IMPEDANCE	600 Ω ± 20%	10K Ω ± 20%
AMPLITUDE	3dBu—13dBu	0.7dBu—13dBu

BELTPACK INTERFACES
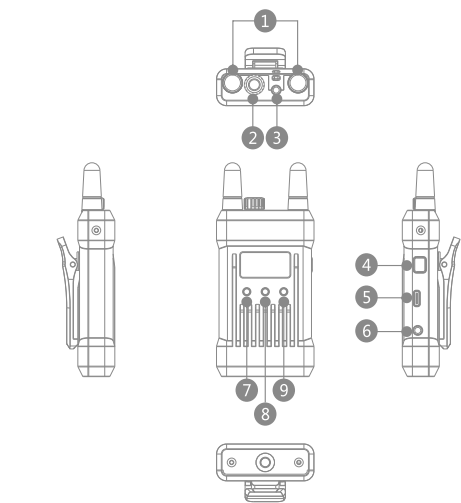
1. RF Antenna Port (SMA-K female connector)
2. Power Switch and Volume Control Knob
3. 3.5mm Headphone Port
4. Mute/Call Button
5. Beltpack Charging and Paired Data Connection Interface
6. 3-Segment 3.5mm Tally output
7. Left /Up Button
8. Menu/Confirm Button
9. Right/Down Button

BASE STATION INTERFACES
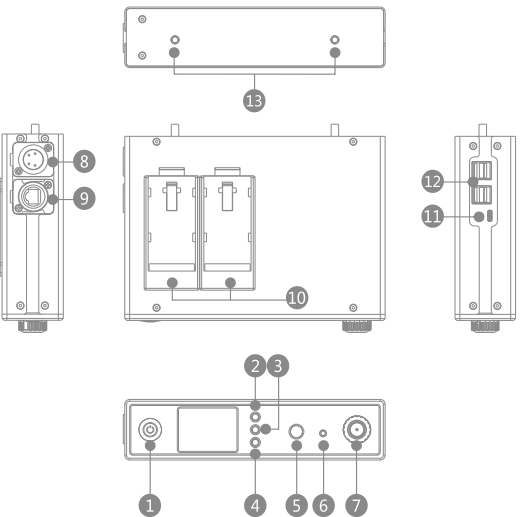
1. Power Switch
2. Left /Up Button
3. Menu/Confirm Button
4. Right/Down Button
5. Beltpack MIC Mute Button
6. 3.5mm Headphone Interface
7. Base Station Volume Control knob
8. DC Power Supply(4-pin XLR male)
9. Analog Voice Input/Output(RJ45 Network port)
10. F970 Battery Plate
11. TYPE-C
12. Beltpack Charging and Paired Data Connection port
13. RF Antenna Port (SMA-K female connector)

PARAMETERS

	Base Station	Beltpack
Interface	2 Antenna Interfaces (SMA-K Female Connector) 4-pin XLR Male Connector DC Input 3.5mm Headphone Port RJ45 Network port 4 Channels Audio Interface TYPE-C USB2.0 4 USB2.0	2 Antenna Interfaces (SMA-K Female Connector) 3.5mm Headphone Port 3.5mm Tally output TYPE-C USB2.0 Interface
Power Supply	7-36V DC Input,F970 Battery	1600mAh Lithium Battery
Frequency Response	300Hz to 5KHz	
Signal-to-noise Ration	>50dB	
Distortion	<2 %	
Working Range	Under LOS,1000ft working range from Base Station to Beltpack	
Frequency Band	1.9GHz/2.4GHz	
Modulation Mode	GFSK	
Transmit Power	Maximum 24dBm	
Receiver Sensitivity	≤ -93dBm	
Bandwidth	1.728MHz	
Power Consumption	<4W	<0.7W
Size	(L*W*H)： 220*170*50mm	(L*W*H ）： 100*58*22mm
Net Weight	1400g	190g
Temperature Range	0-40℃(Operation condition); -20-60℃(Storage Mode)	
Certification	FCC, CE.	

INTRODUCTION

This wireless intercom system contains 1 Base Station and supports up to 4 Beltpacks. Base Station and Beltpacks support moving-coil single-sided mics and condenser mics. It can be selected through the menu, which is convenient to switch between different usage scenarios.

The Base Station equipped standard 4-wire audio interface, which can achieve two Base Station or another intercom systems connection. Also, it can increase the quantity of Beltpacks and wireless intercom range.

The Base Station supports 7-36V DC wide voltage and F970 battery power supply. Each Beltpack is powered by rechargeable lithium battery or Base Station's USB interface. Base Station supports 2 channels analog voice input/output. It has user-friendly audio amplitude adjustment menu.

■ FEATURES

• Carrier-grade voice quality,1000ft working range
• 1.9GHz/2.4GHz frequency band, supports frequency configuration for different territory
• Full-duplex wireless communication
• Base Station support up to 4 Beltpacks simultaneous call, and 2 channels analog voice input/output
• Support 4-sgement 3.5mm earphone call
• Base Station equipped with 2 external antennas
• Base Station support 7-36V DC wide voltage input
• Support U flash disk or USB automatic upgrade
• Beltpack powered by built-in lithium battery, will provide more than 8 hours of battery life
• Industrial metal shell, stable and reliable
• Provides full list of accessories

FCC STATEMENT

1, This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.
2,Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

■ NOTE

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.

■ RF WARNING STATEMENT

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.