



Wireless Full Duplex Intercom System Beltpack

FDI-PT320

User' s Manual

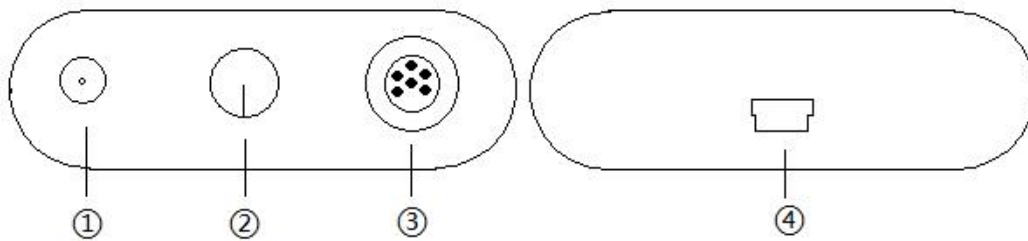
Please read the manual carefully before operation

Item List

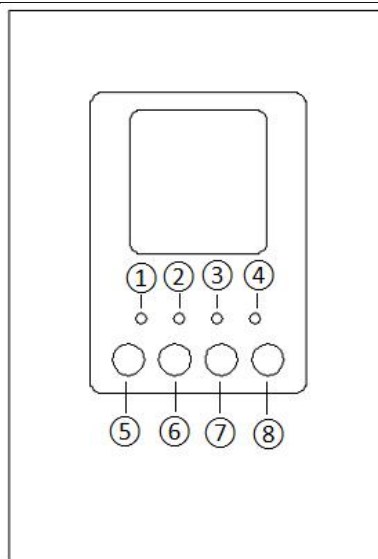
The set includes following items. Please contact the dealer for any damage or loss.

No.	Item	Quantity
1	Beltpack	1
2	Antenna	1
3	USB Charger	1
4	Mini USB Charging Cable	1
5	User' s Manual	1

Component Description



No.	Item	Descriptions
①	Antenna interface	External antenna
②	Switch/Volume button	Screw clockwise to turn on the device and enlarge volume
③	Headphone interface	External cannon headset
④	Mini USB interface	External charging cable or data configuration cable



No.	Item	Descriptions
①	Power indicator	The indicate will be lit blue when powered on and flicker for standby status.
②	Signal transmission indicator	When the device transmits audio signal, the indicator flickers
③	Signal reception indicator	When the device receives audio signal, the indicator flickers
④	Charging indicator	The indicator will be lit red during charging, and will turn green once fully charged
⑤	Confirm button	Turn on the device and press Confirm button and Exit button to enter the menu
⑥	Left Option button	Press the button to choose the last item
⑦	Right Option button	Press the button to choose the next item
⑧	Exit button	Press the button to return to the last menu

Preparations

Charge the Battery

- a. Plug the power adapter's plug into a power outlet.
- b. Insert the USB cable into the Mini USB interface at bottom of the backpack.
- c. When the red indicator lights up, it indicates that charging is started; when the green indicator lights up, it indicates that charging is complete.

Install antenna

Screw the antenna clockwise until it is tight.

Install headset

Align the headphone connector at the interface and and plug in. Press the connector button before pulling it out.

Basic operations

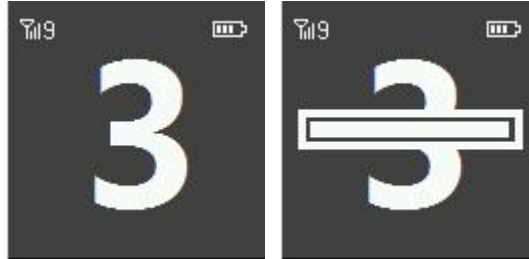
Power On/Off

Screw the Power / Volume button clockwise until you hear a "click" to turn on the device. Screw counterclockwise to turn off.

The device screen will display its own ID, channel and battery power after being turned on.

Volume Adjustment

Screw the Power / Volume button clockwise continuously to enlarge the volume and counterclockwise to lower.



Settings

Turn on the device and press Confirm button and Exit button to enter the menu according to the screen prompt. Then select the following 9 settings by pressing the left and right option button. Channel Setting, Scene Voice Level, Sound Control Setting, Headset Type Setting, Beltpack ID setting, TALLY Setting, Noise Suppression Level, Group Setting, Language Setting.

Channel Setting

Enter the menu and choose "Channel Setting". Then press "Confirm" button to enter the setting. Choose channel by pressing "Left Option" and "Right Option" button. The channel range is 2-99. Press "Exit" button to return to the previous menu after setting.

It is advised to set a long channel interval (30 channels or more) if two or more channels are used for different teams on site. Each channel represents a certain frequency.



Scene Voice Level

Enter the menu and choose "Scene Voice Level". Then press "Confirm" button to enter the setting. Choose suitable level by pressing "Left Option" and "Right Option" button. There are 5 levels, namely 0, 1, 2, 3, 4. Select the suitable level according to the scene voice level. Press "Exit" button to return to the previous menu after setting.

The factory default setting is level 0, which is suitable for most situation.

Level 3 and 4 are suitable for relatively noisy situation, just speak with very loud voice.

(Note: No need to change the setting in general. The voice may be intermittent if the level is too high in a relatively quiet situation)

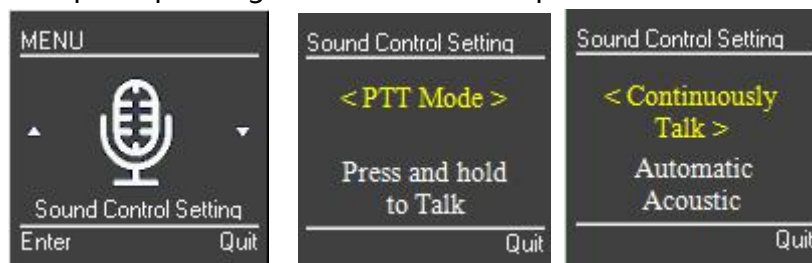


Sound Control Setting

Enter the menu and choose "Sound Control Setting" . Then press "Confirm" button to enter the setting. Choose suitable mode by pressing "Left Option" and "Right Option" button. There are 2 modes, namely PTT Mode and Continuously Talk Mode. Select the suitable mode as required. Press "Exit" button to return to the previous menu after setting.

PTT Mode means press the "PTT" button and keep holding to turn on microphone and speak. Release the button to turn off microphone.

Continuously Talk Mode means press the "PTT" button only once to turn on microphone and speak, press again to turn off microphone.



Headset Type Setting

Enter the menu and choose "Headset Type" . Then press "Confirm" button to enter the setting. Choose suitable headset type by pressing "Left Option" and "Right Option" button. There are 2 headset types, namely headphone and earphone. Choose the suitable headset type as required. Press "Exit" button to return to the previous menu after setting.

Headphone is suitable for noisy situation. You' d better choose Continuously Talk Mode.

Earphone is suitable for quiet situation.



Beltpack ID setting

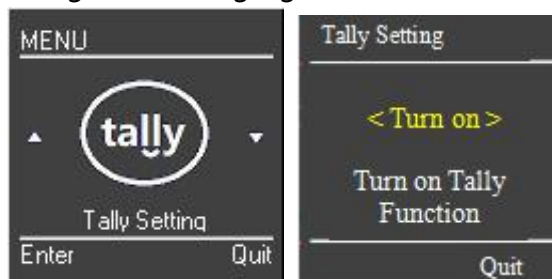
Enter the menu and choose "Beltpack ID Setting" . Then press "Confirm" button to enter the setting. Set different beltpack ID for each beltpack by pressing "Left Option" and "Right Option" button. There are 99 ID from 1 to 99. Press "Exit" button to return to the previous menu after setting.



Tally Setting

Enter the menu and choose "Tally Setting" . Then press "Confirm" button to enter the setting. Choose to turn on or turn off the function by pressing "Left Option" and "Right Option" button. Press "Exit" button to return to the previous menu after setting.

Turn on the Tally function, the 2 indicators at the top of the beltpack display red or green colors continuously according to the switcher signal. Now the 2 indicators are unable to flicker to display transferring or receiving signals.



Noise Suppression Level


Enter the menu and choose "Noise Suppression Level" . Then press "Confirm" button to enter the setting. Choose suitable level by pressing "Left Option" and "Right Option" button. There are 6 levels, namely 0, 1%, 2%, 3%, 4%, 5%. Choose the suitable level as required. Press "Exit" button to return to the previous menu after

setting.

The setting allows the headset to suppress a certain level of the background noise received from other belt-packs or the base station. The default setting is level 5. (Suppress the noise lower than 2%. Only those voice volume surpass 2% will be heard.)



Grouping ID setting

Enter the menu and choose "Group ID Setting" . Then press "Confirm" button to enter the setting. Set group ID for each belt-pack by pressing "Left Option" and "Right Option" button. There are 8 ID from 1 to 8. The belt-packs with the same group ID will form a group just by pressing the  button on the base station panel. Press "Exit" button to return to the previous menu after setting.



Language setting

Enter the menu and choose "Language Setting" . Then press "Confirm" button to enter the setting. Switch between Chinese and English by pressing "Left Option" and "Right Option" button. Press "Exit" button to return to the previous menu after setting.



Calling Process

Press PTT button on the headset cable to initiate a call, and release to finish talk.

- **Calling process in situation of no more than 8 beltpacks**

- All beltpacks and base station could initial a call at any time and hear each other.

- **Calling process in situation of more than 8 beltpacks**

- The system supports up to 8 beltpacks and a base station to initiate calls simultaneously. Everyone could hear each other clearly.

- When there are 8 beltpacks calling at the same time, the 9th beltpack must wait until one of them release PTT button.

- The base station has the privilege to initiate a call at any time, and all beltpacks could hear it.

Calling Status Prompt

When a beltpack initiates a call, a microphone icon will be displayed at the upper right corner of the screen. It indicates that the beltpack is transmitting audio signal.

Receiving voice signals

When a beltpack is transmitting audio signal, other beltpacks will display the caller beltpack ID at the bottom of the screens. The speaker icon at the upper right corner of the screen indicates that the beltpack is receiving audio signal.



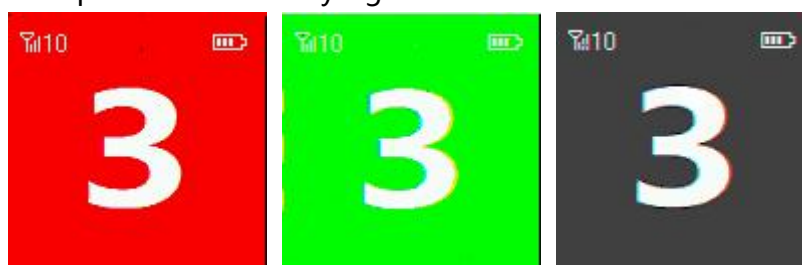
TALLY Function

When a beltpack receives PGM or PVW tally signal from video switcher, the screen will thrn red or green to remind cameraman of the broadcast status of his or her camera.

The screen will turn red to indicate the camera is on broadcast state.

The screen will turn green to indicate the camera is on pre-broadcast state.

The screen will keep blue without tally signal



Maintenance and Cleaning

Please read the following contents carefully in order for smoothly operation, long

service life, better daily maintenance and cleaning.

Maintenance

Do not use hard material to puncture or scrape device.

Do not put device in hard corrosive environment that may damage circuits.

Do not break the antenna.

Cleaning

Please wipe the dust on the device with clean dry towel or brush.

If the device is dirty, please clean with neutral detergent and non-woven fabric, do not use detergent, alcohol, spray and other chemical agents to avoid the damage of the device. Make sure that the device is dry thoroughly before using.

Quality Commitment and Maintenance Terms

We promises warranty services for material and manufacturing process defect under normal operation since purchase date.

Warranty Scope and Duration

12 months for the base station and beltpacks

6 months for headphones

Warranty Claim

You have to provide product warranty card or valid purchase invoice to apply repair.

The product mark should be kept clean and intact during the warranty period.

Warranty Card

In order to protect your benefits, please fill in the following table carefully and keep it properly as a evidence for maintenance.

Agency Information	
Agency Name	
Product Model	
Sale Date	
Telephone	
Customer Information	
Customer Name	
Telephone	
Address	
E-mail	

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