

***TELIKOU* Intercom System**

BK-104 Belt Pack

Instruction Manual

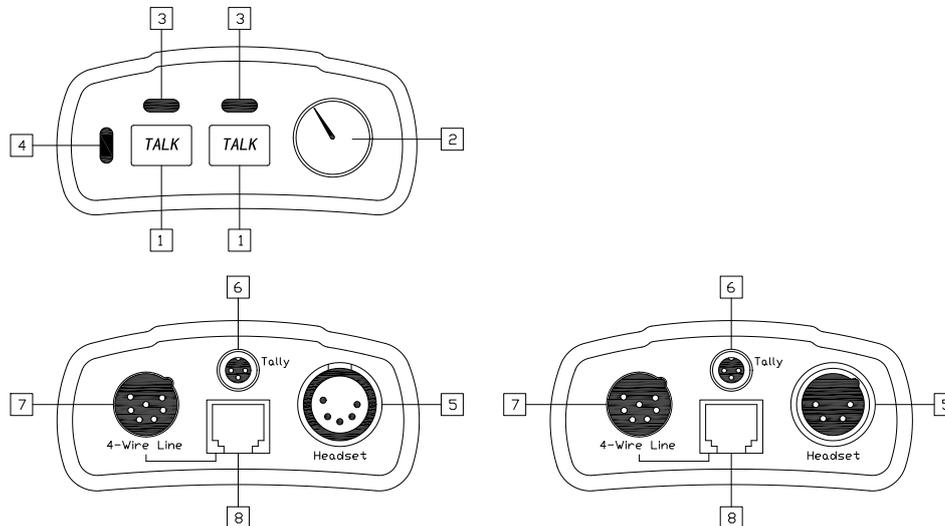
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● **Introduction**

Thank you for choosing TELIKOU intercom product. BK-104 is TELIKOU new design belt pack with plastic case. It is a 4-Wire belt pack with Tally. Mainly to work with TELIKOU FT-800 main station and other 4-wire devices.



● **Basic operation**

1. TALK Button

TALK button may be activated in either of two ways:

Momentary Mode: Press and hold the TALK button, then speak into the microphone. The green talk LED will remain lit while the TALK button is held. Release the TALK button when finished talking. The talk LED will turn off.

Latching Mode for Hands-free Conversation: Tap the TALK button (do not press and hold). The green talk LED will turn on and remain on. When finished talking, tap the TALK button again. The talk LED will turn off.

2. Volume Control

This control is used to adjust the volume level which heard from connected headset.

3. TALK LED

Green LED indicators are controlled by TALK button..

4. Power LED

A Red LED lights when BK-104 is powered.

5. Headset connector

XLR-4M/5F

Pin out configuration as follow:

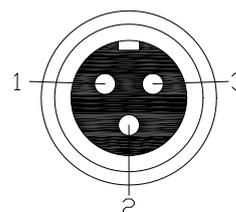
- Pin 1 -- Ground
- Pin 2 -- Microphone +
- Pin 3 -- Earphone -
- Pin 4 -- Earphone +
- Pin 5 -- Null

6. Tally Light connector

3 pin Aviation connector

Pin out configuration is as follow:

- Pin 1 --- Common;
- Pin 2 --- Tally Signal Drive 1 Output (Green);
- Pin 3 --- Tally Signal Drive 2 Output (Red);



7. XLR-7M Intercom cable connector

A XLR-7M connector receives audio and tally signal.

Pin out configuration is as follow:

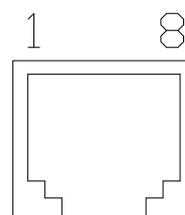
- Pin 1 --- Common;
- Pin 2 --- Power (8V~16VDC);
- Pin 3 --- Audio Input +;
- Pin 4 --- Audio Output +;
- Pin 5 --- Audio Output -;
- Pin 6 --- Audio Input -;
- Pin 7 --- Tally Signal Drive 1 Input (Green);

8. RJ-45 Intercom cable connector

A RJ-45 connector receives audio and tally signal.

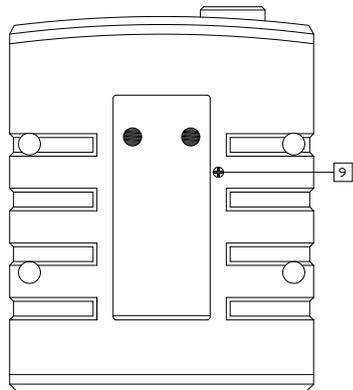
Pin out configuration is as follow:

- Pin 1 --- Common;
- Pin 2 --- Power (8V~16VDC);
- Pin 3 --- Audio Input +;
- Pin 4 --- Audio Output +;
- Pin 5 --- Audio Output -;
- Pin 6 --- Audio Input -;
- Pin 7 --- Tally Signal Drive 1 Input (Green);
- Pin 8 --- Tally Signal Drive 2 Input (Red);



9. Output Level Adjustment

This dimmer is used to adjust the output audio level.



● Specifications

Bandwidth: 200Hz-8000Hz \pm 3dB

Earphone: Dynamic, 50-2000 ohm

Microphone:

1. Dynamic (100-600 ohm)
2. Electret

Input Level Adjustment Range: >34dB

Audio Input Type: Balanced

Audio Output Type: Balanced

Connector Input Independence: >10Kohm

Connector Output Independence: <600 ohm

Input Level: -17dBu~18dBu

Power: 8V-16VDC, <65mA/16VDC

Size: 118mm x 45mm x 110mm(L x W x H)

Weight: 0.2Kg