

IMPORTANT INFORMATION:

- Please Note:- This is an abbreviated manual to include with each Beltpack - Please refer to the full Ezicom manual, supplied with each Ezicom Master Station for comprehensive details.
- Before connecting the Ezicom talkback/intercom system, please read the "Installation" section in the Ezicom System Manual.
- Any accident or impact severe enough to cause visible external damage will require checking by a qualified service agent, to ensure your safety.
- Do not let liquids spill into the Ezicom units, or subject it to rain.

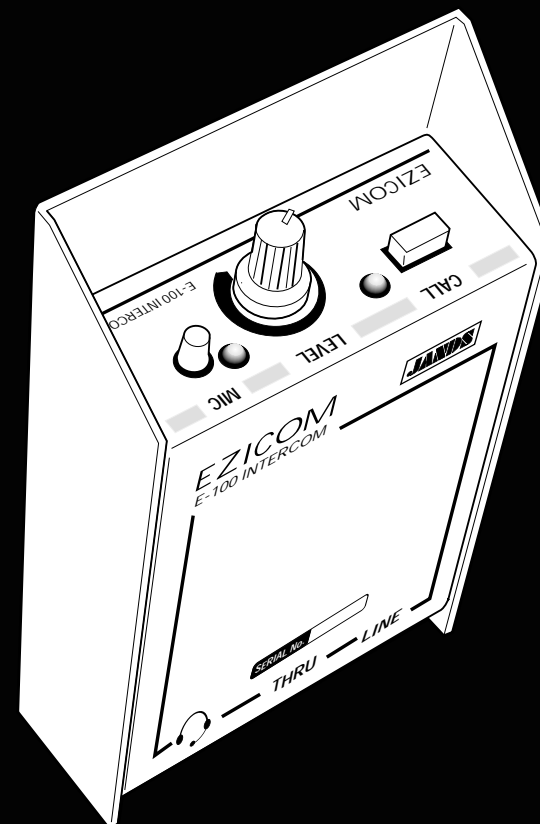
DESCRIPTION:

- The Jands Ezicom is a closed circuit headset intercom system which provides two-way communications with high intelligibility even in high noise environments. A basic Ezicom system consists of one "Master Station" connected to a number of remote "beltpacks".
- Ezicom stations are interconnected with standard two conductor shielded microphone cable fitted with three pin XLR style connectors. One wire in the cable carries 30 volt DC power from the master station to the remote stations; the other wire carries audio signals and superimposed "call" signals for visual signalling. The cable shield acts as the common ground-return.
- The Ezicom cable transmission system is fully compatible with most international headset intercom systems, allowing master stations and beltpacks to be freely interchanged without degrading performance.
- Each station contains its own microphone preamplifier, headset amplifier and visual signalling circuits. These stations appear as a very high impedance load on the line, which is terminated by a low impedance at the master station. The audio level remains constant when stations join or leave the line.
- The Ezicom E-100 is a beltpack headset station for closed circuit terminated line two-way speech communication with visual signalling. The E-100 is built into an extremely rugged, but lightweight, two piece aluminium housing only 43 x 85 x 120 mm in size. The beltpack is finished in a "Gannet" (mid grey) powderkote epoxy, with a spring steel belt-clip. All electronic components mounted on a double sided fibreglass circuit board.
- The Ezicom E-100 has a very high output capability (up to 4 times the power of conventional beltpacks). Use only good quality headsets, such as Beyer DT-109 or DT-108, and avoid excessive levels to reduce the risk of hearing damage.

EZICOM
HEADSET INTERCOM SYSTEM
E-100 BELTPACK

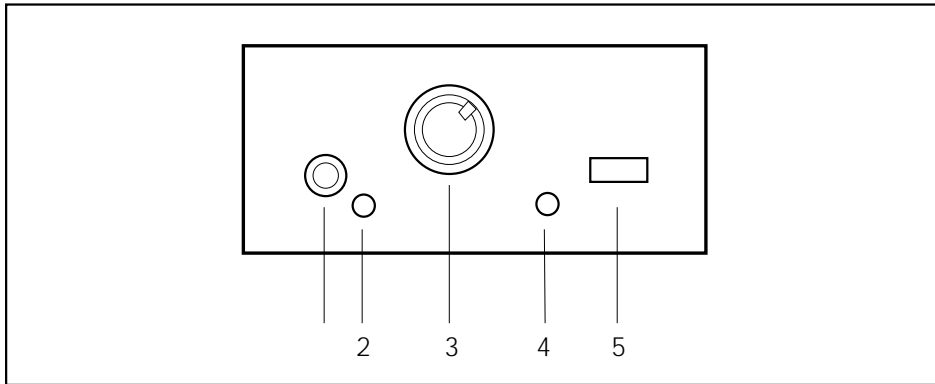
JANDS

User Manual



EZICOM E-100 BELTPACK

FRONT PANEL FACILITIES



1. MICROPHONE ON/OFF SWITCH

The "Mic Switch" should be turned off if you do not expect to be talking, to reduce the level of acoustic background noise on the line. The mic pre-amp is automatically muted if the headset is unplugged.

2. MICROPHONE ON/OFF INDICATOR

The green "Mic On" LED adjacent to the "Mic On" switch will illuminate whenever the "Mic On" switch is turned on.

3. HEADSET VOLUME CONTROL

The "Headset Volume" control will typically be set between the "11 o'clock" and "3 o'clock" position.

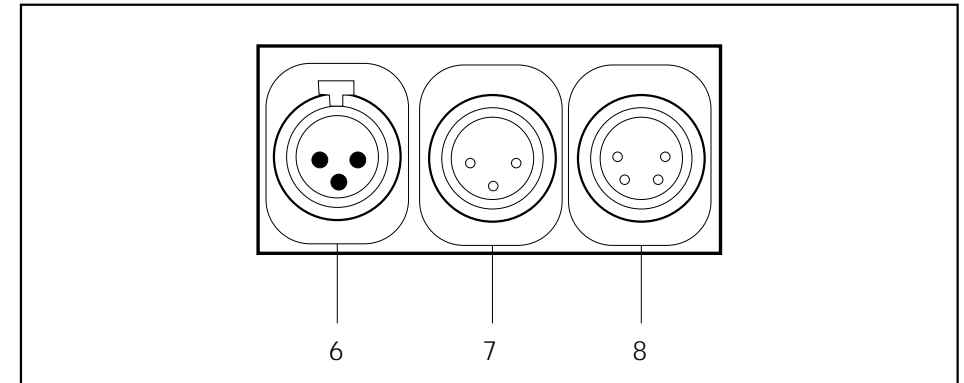
4. CALL INDICATOR

The red LED indicates visual signalling from other users, and this unit's "Call Switch".

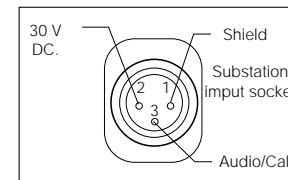
5. CALL SWITCH

The "Call Switch" enables visual signalling to other users who have removed their headsets or turned their volume controls off.

REAR PANEL FACILITIES



6. INPUT CONNECTOR



Female XLR style three pin.

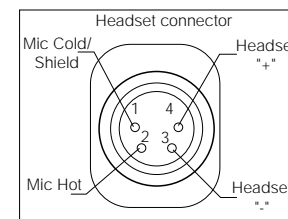
Pin 1: Shield (common ground).
Pin 2: Power (+30 volts).
Pin 3: Audio/Call signals.

A three pin female XLR style connector is provided to connect the cable from the Ezicom Master Station's "Channel Output" connector. Please refer to the section in Part 2 of this manual titled "Channel Output Connectors" for further information.

7. LOOP THROUGH CONNECTOR

A three pin male XLR style connector is provided for the connection of additional beltpacks. Please refer to the section in Part 2 of this manual titled "Wiring the Ezicom System" for further information.

8. HEADSET CONNECTOR



Male XLR style four pin.

Pin 1: Mic Cold/Shield
Pin 2: Mic Hot
Pin 3: Phones "-"
Pin 4: Phones "+"

A four pin male XLR style outlet is provided for the connection of a headset system. Please refer to the section in Part 2 of this manual titled "Headset Connector" for further information.