



MLX100 & MLX101

RECORDER INTERFACE and BUSY MODULE

USERS GUIDE

MLX100 COMCODE: 407 729 045

PEC CODE: 8808-048

MLX101 COMCODE: 407 729 169

PEC CODE: 8800-060



Description

The MLX-100 requires 48vdc power for operation. It connects to the handset jack of an MLX type set and provides handset, headset and 4 wire interface. This set must be factory equipped with a MLX-101 busy module to use the headset feature.

Operation

The following MLX options are required for proper operation.

- 1 Headset Status — a button used to switch between handset and headset operation.
- 2 Headset hang up — a button used to disconnect a call when in the headset operating mode.
- 3 Autodial inside — a button lamp used to display set busy status. This must be the top right button.

The MLX-100 works with handset or headset use. If the handset is taken off hook the MLX-100 activates the handset audio only. When the set is busy while in the headset mode, the MLX-100 activates the headset jack and the 4-wire jack. In this mode, the handset must be on hook. Recorder audio with optional beep tone and a busy closure is provided with either handset or headset mode.

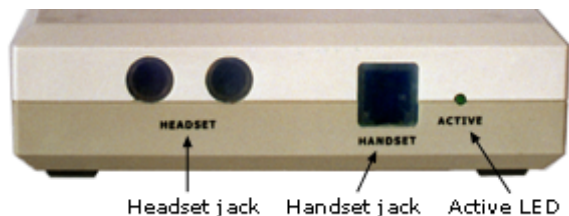
Connections

The MLX-100 is equipped with the following jacks:

Front connections

Handset — connection for handset.

Headset — connection for headset.



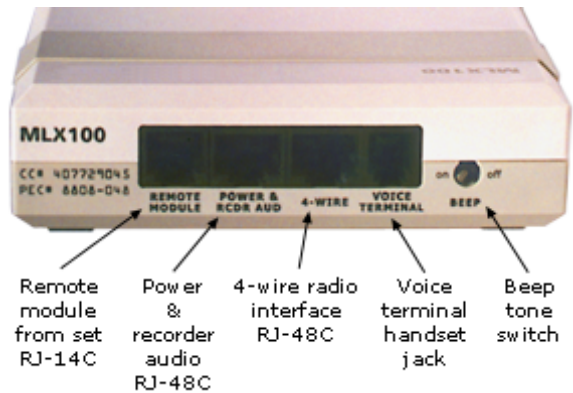
Rear connections

Voice Terminal — connects to the MLX voice terminal handset jack.

4-Wire — See the wiring table on page 4.

Power & Record Audio — See the wiring table on page 4.

Remote Module — Input for the MLX busy module for off hook and set busy.



Beep Tone

The beep tone generator produces a 200ms 1400hz tone every 15 seconds. The tone is audible to both parties. It can be turned on or off with the beep switch.

Specifications

GENERAL

SIZE 7 6/8" x 4 3/8" x 1 3/8"
OPERATING VOLTAGE 48vdc
POWER CONSUMPTION 16mA maximum

ACCESSORIES SUPPLIED

1 ea. MA11 cable - 2ft. length. modular handset plug to modular handset plug. Non-coiled.

POWER AND RECORDER AUDIO JACK

DESIGNATION	PIN # ON MODULAR JACK	TYPICAL 103 OR 104 BLOCK #	DEFINITY STATION WIRING CODE	PAIR
Off hook closure (-)	1	3	white/orange	2
Off hook closure (+)	2	4	orange/white	2
—	3	5	white/green	3
Analog audio output for recorder (R)	4	2	blue/white	1
Analog audio output for recorder (T)	5	1	white/blue	1
—	6	6	green/white	3
-48vdc	7	7	white/brown	4
GRD (+)	8	8	brown/white	4

4-WIRE RADIO INTERFACE JACK

DESIGNATION	PIN # ON MODULAR JACK	TYPICAL 103 OR 104 BLOCK #	DEFINITY STATION WIRING CODE	PAIR
600 ohm balanced receive output (T)	1	3	white/orange	2
600 ohm balanced receive output (R)	2	4	orange/white	2
—	3	5	white/green	3
600 ohm balanced transmit input (R)	4	2	blue/white	1
600 ohm balanced transmit input (T)	5	1	white/blue	1
—	6	6	green/white	3
Off hook closure (-)	7	7	white/brown	4
Off hook closure (+)	8	8	brown/white	4



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