



" Ditto "



GlenSound " Ditto " **Multiple Line Level Rack Mixer**

The GlenSound Ditto's are a range of rack mount line level mixers that offer multiple mixers in a single or twin subrack. Four or six input mixers are available in multiples of three or six. Intended for use where simple mixing requirements are needed in the minimum rack space.

Key Points

- Four or six input mixers
- Three, four, or six mixers available per unit
- Overall output mix control
- Output PPM meter per mixer
- J Versions include front panel jack for direct patching
- Main I/O on multipin Varicon connectors
- Internal 100v - 240v power supply

" Ditto "

Overview

Multiple Line Mixers

The Ditto range of line level mixers offer multiple independent line mixers in compact 1u or 2u subracks. Where multiple talkback channels need to be mixed, or any number of multiple sources need to be mixed, the Ditto units are a simple and cost effective choice. A typical use would be in outside broadcast or in studios for talk back mixing.

" Ditto " Four Inputs Per Mixer

Ditto 414

Four separate mixers



Ditto 414J

Four separate mixers with extra jack inputs



Ditto 418

Eight separate mixers



Ditto 418J

Eight separate mixers with extra jack inputs



" Ditto " Six Inputs Per Mixer

Ditto 613

Three separate mixers



Ditto 613J

Three separate mixers with extra jack inputs



Ditto 616

Six separate mixers



Ditto 616J

Six separate mixers with extra jack inputs



" Ditto "

Features

Features

- **Multiple Mixers In 1u Or 2u Subracks**
The Ditto's make efficient use of space by adding multiple line level mixers in either a 1 or 2u subrack. This makes the Ditto perfect for applications where there is a requirement for multiple mixers but in a small space.
- **Four Or Six Input Mixers**
Options are available to mix either 4 separate sources or 6 separate sources. Each input has its own individual gain for adjusting level.
- **Master Output Level**
Each separate four or six input mixer has its own master output level. This adjusts that overall output mix of all the inputs.
- **PPM Meter**
Each mixer has a separate PPM meter indicating the output level.
- **EDAC Connectors**
To manage the number of inputs and outputs required, EDAC connectors are used due to their efficient use of space.
- **Internal Power Supply**
The Ditto includes a switch mode 100v - 240v power supply.

The 'J' Versions

- **Patch Panel Input/Output Versions**
Every unit has the option of adding front panel patch points via 6.35mm jack sockets. There is one under each input and connects in parallel with the main rear input. There is also a jack socket under the output control for monitoring of the output mix.

There are two factory options with the 'J' Versions.

1. *Inputs are in parallel with the rear inputs (Standard)*
2. *Inputs are break jacks and replace the rear inputs (add 'B' suffix)*



"Ditto"

GENERAL SPECIFICATIONS

1U SUBRACKS

HEIGHT	44mm
WIDTH	435mm
DEPTH (Excluding external connectors)	207mm
POWER INPUT	90 to 240 VAC 50 – 60 Hz

2U SUBRACKS

HEIGHT	88mm
WIDTH	435mm
DEPTH (Excluding external connectors)	207mm
POWER INPUT	90 to 240 VAC 50 – 60 Hz

ANALOGUE AUDIO INPUT SPECIFICATIONS

QUANTITY OF SINGLE CHANNEL INPUTS	16, or 18, or 32, or 38
CIRCUIT TYPE	Electronically balanced
INPUT CONNECTORS (all units)	56 pin EDAC (Varicon) connector
INPUT CONNECTORS (J VERSIONS ONLY)	6.35mm jack socket
INPUT IMPEDANCE	> 80K
INPUT LEVEL	0dBu
LINE INPUT GAIN RANGE	Off to +10dB
MAXIMUM LINE INPUT LEVEL (UNITY GAIN)	+24dBu
FREQUENCY RESPONSE (BANDPASS FILTER)	<-1dBu@20Hz and 20kHz
DISTORTION	<0.025% from 100Hz - 15kHz

LEVEL METERS (PPM STYLE)

QUANTITY OF LEDS	4 per meter
RANGE PER LED	6 dB
LED INDICATION RANGE	+6 to -12dB

ANALOGUE AUDIO OUTPUT SPECIFICATIONS

QUANTITY OF SINGLE CHANNEL OUTPUTS	3, or 4, or 6, or 8
SOURCE	Mix of all input channels
CIRCUIT TYPE	Electronically balanced
OUTPUT CONNECTORS	20 pin EDAC (Varicon) connector
OUTPUT IMPEDANCE	<50 Ohms
MAXIMUM OUTPUT LEVEL	+24dBu
OUTPUT GAIN RANGE	-20dBu to +10dBu
NOISE (ALL CHANNELS AT LINE UP)	<-80dBu CCIR un-weighted

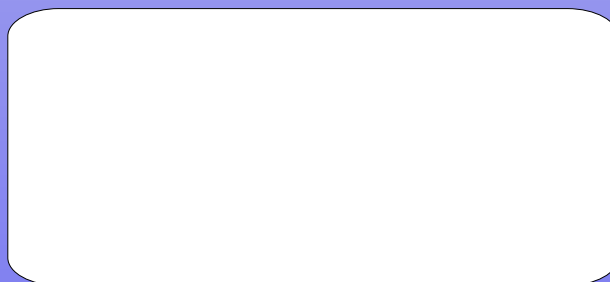
FRONT PANEL CONTROLS

INPUT GAIN	Via front panel input pots.
OUTPUT GAIN	Via front panel gain pot.



"Ditto" Rear Panels

Your local dealer:



E & OE

GlenSound Electronics Ltd.

6 Brooks Place, Maidstone, Kent, ME14 1HE. UK
Tel: +44 (0) 1622 753662 Fax: +44 (0) 1622 762330
Email: sales@glenSound.co.uk www.glenSound.co.uk

sales@glenSound.co.uk