

GOLDING AUDIO LTD

DMS 3000 series 1U case Information DMS 3010/3020/3030/3040 and Lite series.

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Model Identification

DMS 3000-Lite series

Model No: DMS 3010-Lite

1U case + DMS 3000-Lite Board Line level output.

Model No: DMS 3020-Lite

1U case + DMS 3000-Lite Board with 20W+20W Amplifier.

Model No: DMS 3030-Lite

1U case + DMS 3000-Lite Board Line level + Maps control card.

Model No: DMS 3040-Lite

1U case + DMS 3000-Lite with 20W+20W Amp + Maps card.

DMS 3000 Series

Model No: DMS 3010

1U case + DMS 3000 Board Line level output.

Model No: DMS 3020

1U case + DMS 3000 Board with 20W+20W Amplifier.

Model No: DMS 3030

1U case + DMS 3000 Board Line level output + Maps card.

Model No: DMS 3040

1U case + DMS 3000 with 20W+20W Amp + Maps control card.

This document contains general information on the DMS 3000 series 1U Case models as listed above, some features mentioned may not be enabled on you particular unit. If more detailed information is required on the DMS3000 Sound Store or MAPS Playback Card such as enabling different features please refer to their separate USER GUIDES.

Amplifier specification

Models DMS3020 / DMS3040 and Lite versions

Output - 20W per channel into 8 ohms
Bandwidth - 20Hz - 20kHz
Output Protection - Overload / Thermal

1U case details

Overall Dimensions - 483mm (W) 340mm (D) 44mm (H)
Power Supply Voltage - 220-240V AC 50/60Hz.
Power Consumption - 50W (with integral amplifier)
Audio Out connector - 6.3mm Jack 2 pole
DMS I/O control connector - 25-way D-Type Female
MAPS card output connector - 37-way D-Type Female
MAPS card control connector - 25-way D-Type Female
Aux 12v Power Supply Output - 12v D.C. Regulated

Audio and Control I/O connections

Audio Outputs Ch1 and Ch2 (3.25" Jack)
Unbalanced Line Level Output

Amplified Output

TIP = *SPEAKER +* / BASE = *SPEAKER -*

DMS 3000 SOUND STORE CONNECTIONS.

25 Way D-Type DMS3000 Trips / Control

Pin 1 - Trip Line 2	Pin 14 - Trip Line 1
Pin 2 - Trip Line 4	Pin 15 - Trip Line 3
Pin 3 - Trip Line 6	Pin 16 - Trip Line 5
Pin 4 - Trip Line 8	Pin 17 - Trip Line 7
Pin 5 - <u>Binary START</u>	Pin 18 - STOP
Pin 6 - <u>RS485TX+</u>	Pin 19 - <u>RS485TX-</u>
Pin 7 - <u>CLK OUT</u>	Pin 20 - <u>CLK IN</u>
Pin 8 - <u>RUN IN</u>	Pin 21 - <u>SYNC IN</u>
Pin 9 - RUN OUT	Pin 22 - <u>SYNC OUT</u>
Pin 10 - <u>CONTROL OUT</u>	Pin 23 - <u>RS485RX+</u>
Pin 11 - +12v in/out	Pin 24 - <u>RS485RX-</u>
Pin 12 - GND	Pin 25 - +12v in/out
Pin 13 - GND	

Items underlined are not available on the DMS3000-lite series models.

MAPS CONTROL CARD CONNECTIONS.

25 Way D-Type MAPS Trips / Control (DMS3030/40)

Pin 1 - NC	Pin 14 - Analogue 2 Out
Pin 2 - Analogue1 out	Pin 15 - Logic Ground
Pin 3 - Logic Ground	Pin 16 - Trip Input 2
Pin 4 - Trip Input 1	Pin 17 - Trip Input 4
Pin 5 - Trip Input 3	Pin 18 - Trip Input 6
Pin 6 - Trip Input 5	Pin 19 - NC
Pin 7 - STOP Input	Pin 20 - NC
Pin 8 - NC	Pin 21 - NC
Pin 9 - STOP Input	Pin 22 - RUN Input
Pin 10 - Sync Input	Pin 23 - Clock Input
Pin 11 - Clock Output	Pin 24 - Maps Link RX
Pin 12 - Maps Link TX	Pin 25 - Logic Ground
Pin 13 - Logic Ground	

37 Way D-Type MAPS Trips / Control (DMS3030/40)

Pin 1 - 5v Out	Pin 20 - 5v Out
Pin 2 - NC	Pin 21 - NC
Pin 3 - Output Supply +	Pin 22 - Output Supply +
Pin 4 - Output Ground -	Pin 23 - Output Ground -
Pin 5 - NC	Pin 24 - NC
Pin 6 - RL1 - COM	Pin 25 - RL1 - N/O
Pin 7 - RL2 - N/O	Pin 26 - RL2 - COM
Pin 8 - RL3 - COM	Pin 27 - RL3 - N/O
Pin 9 - RL4 - N/O	Pin 28 - RL4 - COM
Pin 10 - RL5 - COM	Pin 29 - RL5 - N/O
Pin 11 - RL6 - N/O	Pin 30 - RL6 - COM
Pin 12 - RL7 - COM	Pin 31 - RL7 - N/O
Pin 13 - RL8 - N/O	Pin 32 - RL8 - COM
Pin 14 - Fet2 - Out	Pin 33 - Fet1 - Out
Pin 15 - Fet4 - Out	Pin 34 - Fet3 - Out
Pin 16 - Fet6 - Out	Pin 35 - Fet5 - Out
Pin 17 - Fet8 - Out	Pin 36 - Fet7 - Out
Pin 18 - Output Ground	Pin 37 - Output Ground
Pin 19 - NC	