

FDS-334

2 input/4 output

Loudspeaker Management Systems

FDS-336

2 input/6 output



Having established the OMNIDRIVE Loudspeaker Management System as the leading DSP system in use by the world's top-class tour sound companies and nightclubs, BSS Audio has extended the availability of its control platform to more market areas and users with the introduction of the MINIDRIVE series.

MINIDRIVE provides the functionality required by many applications, but by not including all the high-end functions of the OMNIDRIVE family, is made more affordable to a wider section of the market.

MINIDRIVE is available in two models, the FDS-334 and FDS-336, and is equally at home in the monitor rack, where the 2 input/4 output unit is sure to find favour, or in the FOH rack, where its 2 input/6 output configuration will suit up to 3-way stereo systems. Obviously, larger systems may be served by using multiple units. Crossover filters are completely user-adjustable, with selectable filter topologies of Bessel, Butterworth and Linkwitz-Riley.

MINIDRIVE has the usual DSP crossover additional facilities such as delay on inputs and outputs, assignable equalisers (up to 60 bands), and mid-filter limiters. It has the added bonus of interfacing with SIA Soft's SMAART LIVE Analyser program, which can directly control the crossover and EQ functions of MINIDRIVE.

The lower price means it is highly suited to use as a zone controller for convention centres, ballrooms, under-balcony feeds or downfills with EQ and delay, or for replacing several traditional analogue units in an installed sound system in just one rack space.

BSS has drawn on its client input and provided MINIDRIVE with a similar user interface to its big brother the FDS-366 OMNIDRIVE COMPACT PLUS. A four-way navipad allows access to menus and facilities, while push-to-select switches on the output level controls ensure fast access to channels for editing. Data is shown on a bright BSS-signature blue LCD display, with data entry via a rotary encoder. Input and output level meters are an immediate comfort for the engineer, and individual output band mute keys are provided.

BSS Audio reserves the right to change product designs and specifications without notice in the interest of product development. This product is designed and produced by BSS Audio, England.

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Fast-access edit on each input and output

Each output assignable to either input, or to sum of inputs

Navipad menu navigation

Bright blue display

Crossover, assignable PEQ, mid-filter limiters, polarity and delay on each output

Assignable parametric EQ and delay on each input

LED bargraphs on every input and output

6, 12, 18, 24, or 48dB per octave Butterworth, Bessel, or Linkwitz-Riley crossover alignments

60 user programs

Lockable front panel mutes and level trims

MIDI Control

Preliminary Information Sept 2000



Technical Specifications

Dynamic Range	Typically >105dB, unweighted 22Hz to 22kHz
Frequency Response	<±0.25dB, 15Hz-20kHz with filters out
Distortion (THD)	<0.01%, 20Hz-20kHz @ +10dBu input level
Inputs	Electronically balanced & floating
Input Impedance	10k
Maximum Input Level	+20dBu, balanced
Outputs	Electronically balanced & floating
Maximum Output Level	+20dBu into 600
Channel Separation	>80dB, 20Hz-20kHz
Power Supply	AC Mains 50/60Hz, 90V - 264V
Power Consumption	<30VA
Dimensions	19" x 1.75" x 8" (483mm x 45mm x 204mm)
Weight	6.2 lbs (2.8kgs), unpacked

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