

Panasonic

Digital Multi Processor WZ-DM35

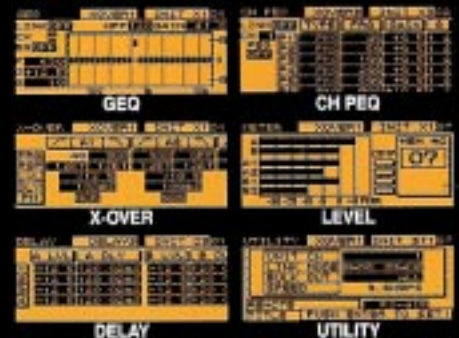


2-input 4-output

6 Functions 6 Modes

The WZ-DM35 is a digital multi processor with two inputs and four outputs.

- The six functions, including the graphic equalizer function, parametric equalizer function, delay function, crossover network function, compressor/limiter function, and noise gate function that are required between the mixer and power amplifier, are all built into this single unit. This feature is great help for saving system space and cables and for reducing connection loss.
- There are six basic modes, namely three delay modes for sense-of-direction control (DELAY1 to DELAY3) and three crossover network modes (X-OVER1 to X-OVER3). The combination of modes and I/O interfaces means it can be used in a variety of configurations: a 1-input/4-output system; two 1-input/2-output systems; a 1-input/3-output system and a 1-input/1-output system; and a 2-input/4-output system.
- Apart from general analog inputs and outputs, this multiprocessor has a digital audio interface and conforms to the AES/EBU format.
- 24-bit A/D and D/A converters are employed for analog inputs and outputs to offer a dynamic range close to that of an analog device.
- All settings can be saved in up to 16 patterns in the memory. A sound field suited to a specific purpose is always available even in a multi-purpose space by saving a variety of sound field patterns in the memory and calling back appropriate pattern data from it.



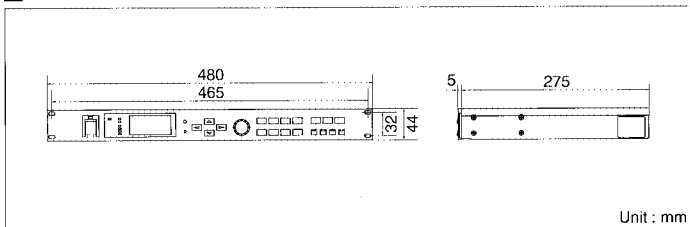
RAMSA

Specifications

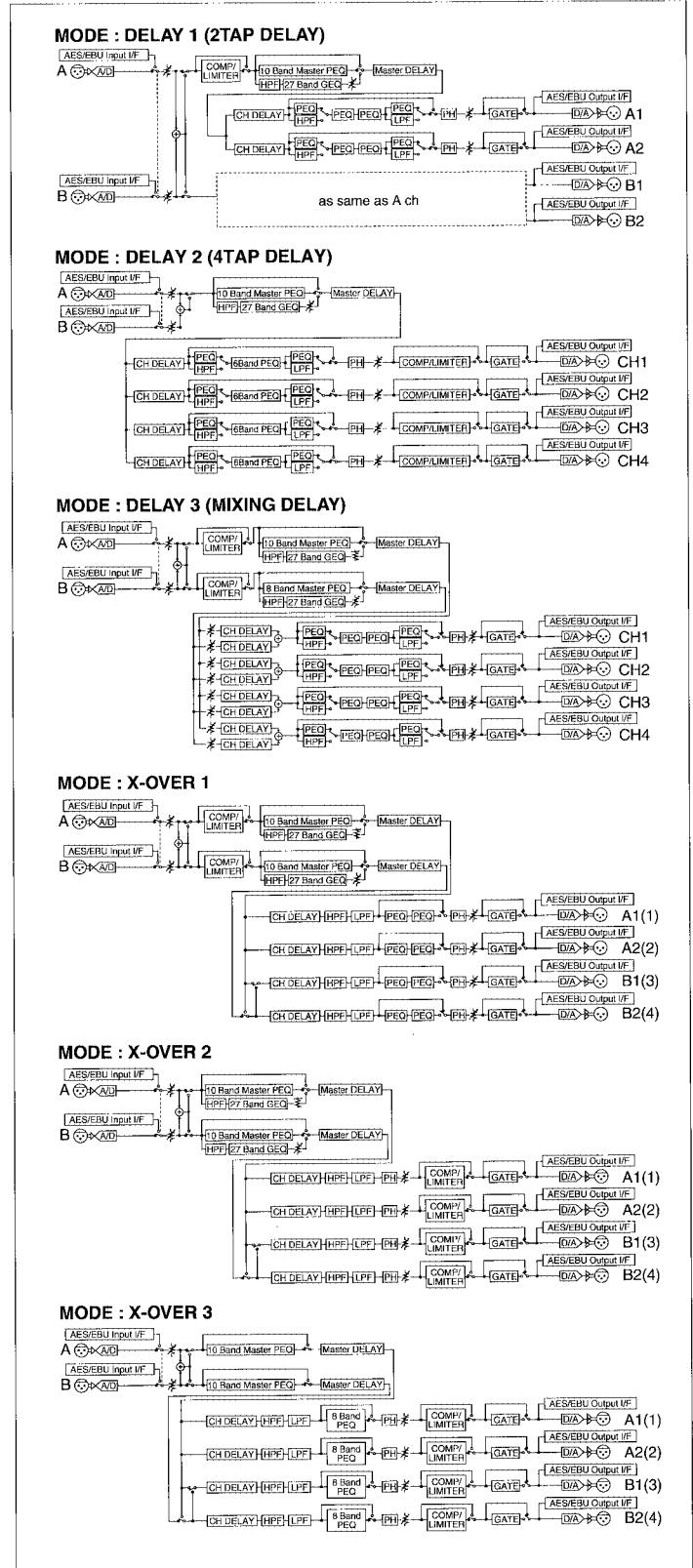
		WZ-DM35NL	WZ-DM35NH	
Input	No. of channels	2 ch		
	Analog			
	Type:	Electronic balance		
	Rated input:	+4 dB		
	Maximum input:	+24 dB or more		
	Connector:	XLR-3-31 or equivalent, 2 connectors		
	Input impedance:	20 kΩ		
	In-phase reject ratio:	40 dB or more		
	A/D converter:	24-bit Δ-Σ type		
	Digital			
	Type:	AES/EBU format, for professional use		
	Sampling frequency:	48 kHz±0.1%		
	Connector:	XLR-3-31 or equivalent, 1 connector		
Output	No. of channels	4 ch		
	Analog			
	Type:	Electronic balance		
	Rated output:	+4 dB±1 dB		
	Maximum output:	+24 dB or more (at 10 kΩ load)		
	Output impedance:	150 Ω		
	Connector:	XLR-type connector or equivalent, x4		
	Applicable load impedance:	600 Ω or more		
	D/A converter:	24-bit Δ-Σ type		
	Digital			
	Type:	AES/EBU format, for professional use		
	Sampling frequency:	48 kHz		
	Connector:	XLR-3-31 or equivalent, 1 connector (Recommended cable: Canare Electric DA206 or equivalent)		
General	Frequency response:	20 to 20,000 Hz, +0.5, -1.0 dB		
	Dynamic range:	Analog input/output (typ, IHF-A) 115 dB (noise gate ON) 109 dB (noise gate OFF)		
	THD	0.015% at +4 dB, 20 to 20,000 Hz, 30 kHz LPF (at 600 Ω load)		
	Crosstalk:	70 dB or more (10 kHz)		
User memory	No. of memories: 16			
External control	Type:	RS-485 RAMSA-NET (See Note.)		
	Connector:	D-SUB 9-pin, IN/OUT 1 each, setscrew M2.6 Recommended connectors Male: OMRON XM2A-0901 or equivalent Female: OMRON XM2D-0901 or equivalent Hood: OMRON XM2S-0911 or equivalent		
Pattern control	Type:	Make contact type, No. of control patterns: 12 + MUTE Anti-reverse diode provided		
	Connector:	D-SUB 15-pin, setscrew M2.6 Recommended connectors Male: OMRON XM2A-1509 or equivalent Hood: OMRON XM2S-1511 or equivalent		
Power supply:	AC110-120V 50/60Hz	AC220-240V 50/60Hz		
Power consumption:	19 W (as defined in the Electrical Appliances Control Act)			
Heat flow:	19 W (15 kcal) *The figure in parentheses is calorific value per hour.			
Stacking conditions:	2 units high maximum * If you are using 3 units or more, leave a space for a unit or more every 2 units.			
Dimensions:	480 (W) x 44 (H) x 280 (D) mm (without rubber feet)			
Weight	4.5 kg			

Note: * RAMSA-NET™ is a protocol exclusive to Matsushita Communication Industrial Co., Ltd., used to send and receive data between the host computer and two or more audio control units connected to it with communication lines.

Dimensions



Block Diagram



Weights and dimensions indicated are approximate. Specifications are subject to change without notice.

DISTRIBUTED BY:



11 Changi North Street 1
#02-01/02 Changi North Industrial Estate
Singapore 498823
Tel: (+65) 62140146 / 7
Fax: (+65) 62141606
E-mail: aeonline@singnet.com.sg
Website: www.ane.com.sg

Panasonic

Panasonic is the brandname of Matsushita Electric.
Printed in Japan
(IN-666)