

OMNITRONIC EDP Class D amplifier

Stereo PA amplifier with integrated SMPS

- Stereo PA amplifier with limiters
- Stereo or bridge operation
- Class D circuitry
- Ultra-light and compact via SMPS
- Extensive protection set
- Rack installation with 1 unit

No. 10451610	EDP-300
No. 10451612	EDP-700
No. 10451614	EDP-1000
No. 10451615	EDP-3600



Technical specifications:

Device:	EDP-300	EDP-700	EDP-1000	EDP-3600
Power supply:	100-240 V AC, 50/60 Hz ~	100-240 V AC, 50/60 Hz ~	100-240 V AC, 50/60 Hz ~	100-240 V AC, 50/60 Hz ~
Power consumption:	400 W	700 W	1000 W	1050 W (1/8 power)
Power output sine:				
stereo 4 ohms	2 x 180 W	2 x 360 W	2 x 550 W	2 x 1700 W
stereo 8 ohms	2 x 100 W	2 x 200 W	2 x 300 W	2 x 1000 W
8 ohms bridged	1 x 360 W	1 x 720 W	1 x 1100 W	1 x 3600 W
Frequency range:	20-20000 Hz, ± 0.5 dB	20-20000 Hz, ± 0.5 dB	20-20000 Hz, ± 0.5 dB	20-20000 Hz, ± 0.5 dB
Damping factor:	>200	>200	>200	>250
Distortion factor:	0.05 %	0.05 %	0.05 %	<0.1 %
Slew rate:	20 V/μsec	20 V/μsec	20 V/μsec	20 V/μsec
S/N ratio:	100 dB	100 dB	100 dB	>95 dB
Input impedance:	20 kohms (balanced), 10 kohms (unbalanced)	20 kohms (balanced), 10 kohms (unbalanced)	20 kohms (balanced), 10 kohms (unbalanced)	20 kohms (balanced), 10 kohms (unbalanced)
Input connectors:	2 x XLR	2 x XLR	2 x XLR	2 x XLR
Output connectors:	2 x Speaker (L/R), 1 x Speaker (bridge)	2 x Speaker (L/R), 1 x Speaker (bridge)	2 x Speaker (L/R), 1 x Speaker (bridge)	2 x Speaker, 2 x XLR feed-through output
Circuitry:	class D + PFC	class D + PFC	class D + PFC	class D + PFC
Control elements:	power switch, level control per channel, mode switch (stereo/bridged)	power switch, level control per channel, mode switch (stereo/bridged)	power switch, level control per channel, mode switch (stereo/bridged)	power switch, level control per channel, mode switch (stereo/bridged)
LED indicators:	protect, clip, signal level (per channel)	protect, clip, signal level (per channel)	protect, clip, signal level (per channel)	protect, clip, signal, -6 dB, -12 dB, -18 dB, -25 dB (per channel)
Protection circuits:	softstart, short-circuit, overheat, clipping, overload and VHF signals	softstart, short-circuit, overheat, clipping, overload and VHF signals	softstart, short-circuit, overheat, clipping, overload and VHF signals	softstart, short-circuit, overheat, clipping, overload and VHF signals
Construction:	steel chassis, aluminum front	steel chassis, aluminum front	steel chassis, aluminum front	steel chassis, aluminum front
Dimensions (DxWxH):	250 x 483 x 44 mm (19", 1 U)	250 x 483 x 44 mm (19", 1 U)	250 x 483 x 44 mm (19", 1 U)	250 x 483 x 44 mm (19", 1 U)
Weight:	4.6 kg	4.6 kg	4.6 kg	4.6 kg