

DESCRIPTION

The DP-L2 is a digital audio processor equipped with 2 × Input, 2 × Output, 1 × ambient noise sensor microphone input and 1 × monitor output and features easy setting of each function by the front panel operation. It is equipped with an ambient noise control function (The ANC function distinguishes between the unit's output sound and the ambient noise. The unit's output sound is not detected as noise.) and an automatic level control function that keeps the input signal level constant. It can be mounted in an EIA Standard equipment rack (1 unit size).

SPECIFICATIONS

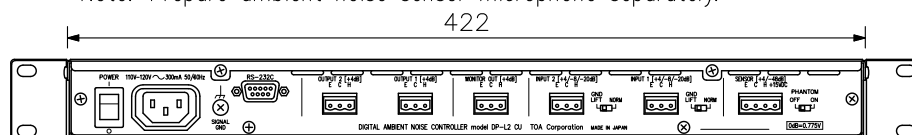
* 0 dB = 0.775 V

Power Source	110 - 120 V AC, 50/60 Hz
Power Consumption	20 W (300 mA)
Frequency Response	20 - 20,000 Hz, ±1 dB
Sampling Frequency	48 kHz
Dynamic Range	Over 108 dB (IHF-A weighted)
Distortion	Under 0.006%, 1 kHz, +4 dB* input/output (20 - 20,000 Hz BPF)
Input	Sensor input (Ambient noise sensor microphone input) : +4/-48 dB* changeable, 10 kΩ, electronically-balanced, removable terminal block (4 pins), phantom power (+15 V DC, can be turned on or off with Phantom switch) with +15 V DC terminal Input 1,2: +4/-8/-20 dB* changeable, 15 kΩ, electronically-balanced, removable terminal block (3 pins)
Output	Monitor output: +4 dB*, 600 Ω, electronically-balanced, removable terminal block (3 pins) Output 1,2: +4 dB*, 600 Ω, electronically-balanced, removable terminal block (3 pins)
A/D Converter	24 bit
D/A Converter	24 bit
Signal Processing	
Automatic Level Control Function	Level meter (4 LED meters), Automatic input signal level control function, Automatic input sensitivity setting function: +4/-8/-20 dB*, Noise gate level setting: -99 to -3 dB
Ambient Noise Control Function	Level meter (4 LED meters), BGM/Announce level control function, Automatic sensor input reference level measuring function, Sensor input reference level fine adjustment function, Maximum output signal level control: -15 to 0 dB, Minimum output signal level control: -18 to -3 dB, Sample time setting: 10 s, 20 s, 30 s, 1 min, 5 min, Gain ratio setting: (Ambient noise: Output signal level) 6:3, 5:3, 4:3, 3:3, 3:4, 3:5, 3:6, Ambient noise measuring frequency setting: 20 - 20,000 Hz, 3 points
Maximum Output Signal Level Control Function	-12, -6, 0, +4, +6, +12, +18, +24 dB*
Input Level Indicator	8 LEDs indicator
Output Level Indicator	8 LEDs indicator
Other Feature	Phantom power switch (sensor input), Key lock function, Ground lift switch (INPUT 1, INPUT 2), Input/Output bypass function in power off
Operating Temperature	0°C to +40°C
Operating Humidity	Under 90% RH (no condensation)
Finish	Pre-coated steel plate, black, 30% gloss
Dimensions	482 (W) × 44 (H) × 303 (D) mm
Weight	3.7 kg
Accessory	Power cord (2 m)×1, Removable terminal plug (4 pins)×1, Removable terminal plug (3 pins)×5

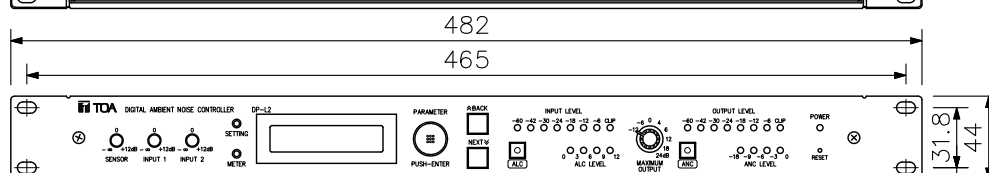
Note: Prepare ambient noise sensor microphone separately.

APPEARANCE

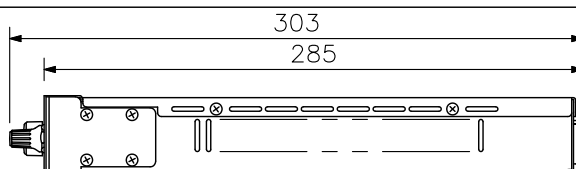
Rear View



Front View



Side View



UNIT:mm SCALE:1/4