

## DESCRIPTION

The P-1812 PA Amplifier delivers 120 W power output. It is so designed that its power ON/OFF can be remotely controlled when used in conjunction with A-1800 series PA Amplifiers (optional). The P-1812 can also be used as a stand-alone amplifier.

## SPECIFICATIONS

(\*1) 0 dB = 1 V

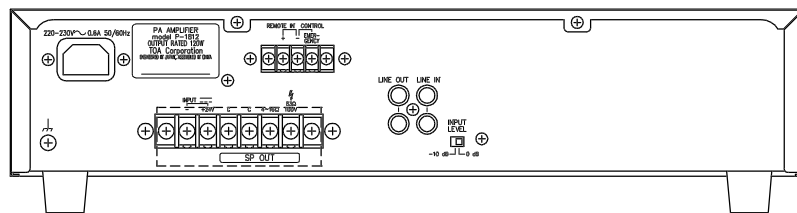
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| Power Source                                 | 220 V - 230 V AC, 50/60 Hz<br>24 V DC (M4 screw terminal)  |
| Rated Output                                 | 120 W  |
| Power/Current Consumption                    | AC operation: 258 W (rated output), 94 W (EN60065)<br>under 320 mA (when power switch is OFF)<br>24 V DC operation: 7.0 A (rated output), 2.7 A (EN60065)  |
| Frequency Response                           | 50 - 20,000 Hz ( $\pm 3$ dB)   |
| Distortion                                   | Under 2% at 1 kHz, rated power   |
| Input  | LINE: 0 dB(*1)/-10 dB(*1) (switchable), 10 k $\Omega$ , transformer balanced, RCA pin jack   |
| Output                                       | LINE: 0 dB(*1), 600 $\Omega$ , unbalanced, RCA pin jack<br>SPEAKER: High impedance (100 V line/83 $\Omega$ ), M4 screw terminal<br>Low impedance (4 - 16 $\Omega$ ), M4 screw terminal<br>(Both Low and High impedance terminals cannot be used at the same time.) |
| S/N Ratio<br>(Band Pass<br>: 20 - 20,000 Hz) | Over 100 dB (Master volume: min)<br>Over 97 dB (Master volume: max, INPUT LEVEL switch: 0 dB)<br>Over 90 dB (Master volume: max, INPUT LEVEL switch: -10 dB)   |
| Control Input                                | POWER REMOTE: No-voltage make contact input, open voltage: 24 V DC,<br>short-circuit: under 1 mA, M3 screw terminal<br>EMERGENCY(*2): No-voltage make contact input, open voltage: 24 V DC,<br>short-circuit: under 1 mA, M3 screw terminal                        |
| Indicator                                    | 5 point LED output level meter, Power indicator LED  |
| Operating Temperature                        | -10°C to +40°C   |
| Finish                                       | Panel: ABS resin, black, hair line<br>Case: Steel plate, black   |
| Dimensions                                   | 420 (W) x 107.7 (H) x 367 (D) mm   |
| Weight                                       | 12.2 kg  |
| Accessory                                    | Power cord *1, Terminal block cover *1, Terminal block cover mounting screw *2   |
| Option                                       | Rack mounting bracket: MB-25B<br>Volume control cover: YA-920  |

[Note] Distance between barriers on the above screw terminals: M3 ... 7 mm, M4 ... 9 mm

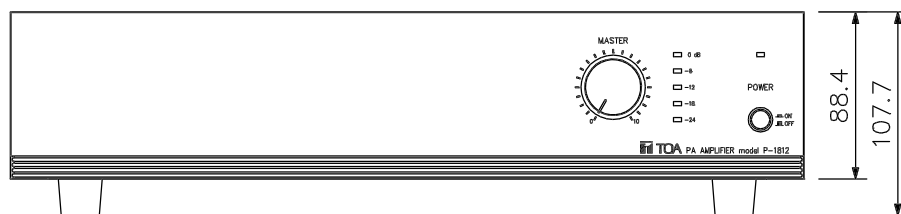
(\*2) Operation when activated can be selected from the following: Turning ON the unit's power (factory-preset) or OFF. (The OFF function needs internal modification.)

## APPEARANCE

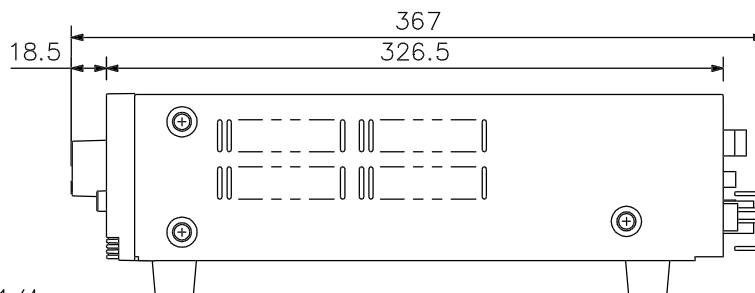
Rear View



Front View



Side View



UNIT:mm SCALE:1/4