

PA AMPLIFIER

A-1806(ER)

Equipped with Priority function, Chime function, and 2 Zone selector switches, the A-1806 PA Amplifier of 60 W is designed to suit the following PA system applications: paging announcements, intercommunications, BGM, and broadcasting in schools, offices, and shops. It's power remote control function, provided especially for use in conjunction with the P-1812 (optional), will turn ON or OFF the P-1812's power.

■ SPECIFICATIONS $(*1) \cap dB = 1 \vee V$

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Power Source	220 V - 230 V AC, 50/60 Hz
	24 V DC (M4 screw terminal)
Rated Output	60 W
Power/Current	AC operation: 158 W (rated output), 66 W (EN60065),
Consumption	150 mA or less (when power switch is OFF)
	24 V DC operation: 3.8 A (rated output), 1.6 A (EN60065)
Frequency Response	$50 \text{ Hz} - 20 \text{ kHz} (\pm 3 \text{ dB})$
Distortion	2 % or less at 1 kHz, rated power
Input	MIC 1: $-60 \text{ dB}(*1)$, 600Ω , electronically-balanced,
Impat	combined type of XLR-3-31 equivalent and phone jack, DIN socket (5 pins)
	MIC 2 - 3: $-60 \text{ dB}(*1)$, 600Ω , electronically-balanced,
	combined type of XLR-3-31 equivalent and phone jack
	AUX 1 (MOH): -20 dB(*1), 10 k Ω , unbalanced, RCA pin jack
	AUX 2: $-20 \text{ dB}(*1)$, 10 k Ω , unbalanced, RCA pin jack
	AUX 3: $-20 \text{ dB}(*1)$, $10 \text{ k}\Omega$, unbalanced, combined type of XLR-3-31 and phone jack
	TEL(*2): $-20 \text{ dB}(*1)$, $10 \text{ k}\Omega$, electronically-balanced, M3 screw terminal
	EMERGENCY: 0 dB(*1), 600 Ω, unbalanced, M3 screw terminal
Output	REC: 0 dB(*1), 600 Ω , unbalanced, RCA pin jack
	LINE 1, 2 (*3): 0 dB(*1), 600 Ω , unbalanced, RCA pin jack
	MOH: 0 dB(*1), 600 Ω, transformer balanced, M3 screw terminal
	SPEAKER SELECTOR: 2 zone, high impedance (100 V line/167 Ω), individual selector switch,
	M4 screw terminal
	DIRECT SPEAKER OUT: High impedance (100 V line/167 Ω), M4 screw terminal
	Low impedance (4 - 16 Ω), M4 screw terminal
	(Both Low and High impedance terminals cannot be used at the same time.)
Phantom Power	ON or OFF for each MIC1 - 3 with switch setting (+17 V DC)
S/N Ratio	100 dB or more (Master volume: min)
(Band Pass	76 dB or more (Master volume: max)
: 20 Hz - 20 kHz)	60 dB or more (MIC 1 - MIC 3)
	76 dB or more (AUX 1 - AUX 3)
	90 dB or more (TEL)
	96 dB or more (EMERGENCY)
Tone Control	Bass: ±10 dB at 100 Hz, Treble: ±10 dB at 10 kHz
Control Input	TEL: No-voltage make contact input, open voltage: 24 V DC, short-circuit: 5 mA or less,
'	M3 screw terminal
	EMERGENCY(*4): No-voltage make contact input, open voltage: 24 V DC,
	short—circuit: 10 mA or less, M3 screw terminal
Control Output	Power remote: Open collector output, withstand voltage: 35 V DC,
	control current: 50 mA or less, M3 screw terminal
Chime	1—tone, 2—tone, or ascending 4—tone chime, or None selectable with switch setting,
	activated at MIC 1's DIN or CONTROL TEL terminal.
Indicator	5 point LED output level meter, Power indicator LED, Zone indicator LED, Emergency LED,
	TEL LED
Priority	EMERGENCY: Overrides other inputs
1101111	TEL: Overrides other inputs except 'EMERGENCY', ON/OFF selectable with switch setting
	MIC 1: Overrides other inputs except 'EMERGENCY & TEL',
	ON/OFF selectable with switch setting
Operating Temperature	-10 °C to +40 °C
Finish	Panel: ABS resin, black, hairline
1 1111011	Case: Steel plate, black
Dimensions	420 (W) × 107.7 (H) × 367 (D) mm
Weight	9.4 kg
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Accessory	Power cord ······1, Terminal block cover ······1, Terminal block cover mounting screw ·····2 Rack mounting bracket: MB—25B
Option	
	Volume control cover: YA-920
	Input transformer: IT-453A

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

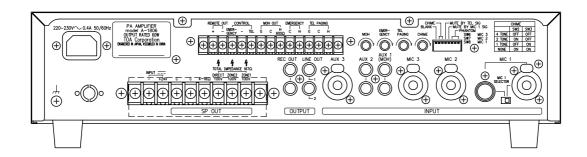
(*2) Can be transformer-balanced with the addition of optional IT-453A input transformer.
(*3) LINE 1 and LINE 2 outputs can be interlocked with ZONE 1 and ZONE 2 speaker selectors, respectively.
(This function needs internal modification.)
(*4) Operation when activated can be selected from the following: Turning ON the unit's power (factory-preset) or OFF.
(The OFF function needs internal modification.)



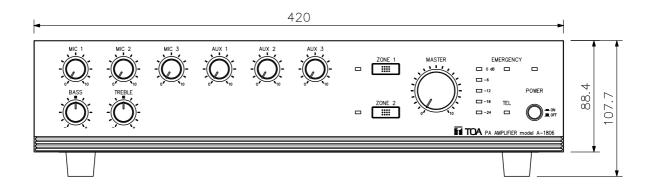
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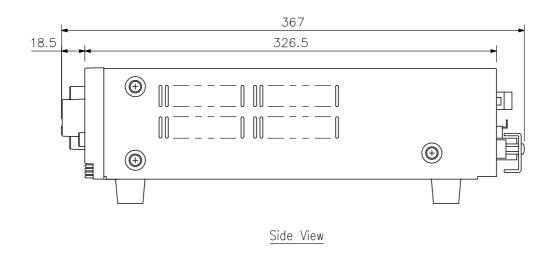
■APPEARANCE



Rear View



Front View



UNIT: mm

SCALE: 1/3