IP-A1MP

MICROPHONE PANEL



The IP-A1MP is a microphone panel that is equipped with a microphone, an activation switch and a status indicator. It can be installed with a standard electrical box as surface or flush mounting. This panel can be used as a two-way conversation or an audio monitoring microphone when used in conjunction with IP-A1 series devices.

Key features

- Audio accessory unit to be used in conjunction with IP-A1 series devices for having two-way
- conversations or audio monitoring
- Omni-directional electret condensor microphone
- Momentary type push switch to initiate a call
- Indicator lights during control input is being triggered
- 1 control input and 1 control output
- 1 electronically-balanced audio output (0dB, 200Ω)
- Surface or flush mounting with a standard electrical box

Specifications

Phantom Power	9 V DC - 26 V DC
Current Consumption	8 mA or less (at 12 V DC)
Microphone	Omni-directional electret condenser microphone
Frequency Response	100 Hz - 10 kHz
Microphone Output	0 dB (*1), 200 Ω, (Volume adjustable), electronically-balanced, push-in terminal block
Control Input	No-Voltage make contact input, open Voltage: 5 V DC, short-circuit current: 0.2 mA or less, push-in terminal block
Control Output	No-Voltage make contact output, withstand Voltage: 30 V DC, control current: 100 mA, push-in terminal block
Call Button	Momentary type (Control output circuit is closed while pressed)
Indicator	Green (Lit during control input) (*2)
Cable Requirements	Microphone output: Two-core shielded cable or Shielded twisted pair cable Control input/output: Twisted pair cable
Operating Temperature	-20 °C to +55 °C (-4 °F to 131 °F)
Operating Humidity	90 %RH or less (no condensation)
Finish	Front case: Surface-treated steel plate, white (RAL 9016 equivalent), semi-gloss, paint Rear case, bracket: Surface-treated steel plate, black zinc plating Plate: ABS resin, white (RAL 9016 equivalent), gloss
Dimensions	44.6 (W) x 107 (H) x 29 (D) mm (1.76" x 4.21" x 1.14") (excluding projection)
Weight	170 g (0.37 lb)
Included Accessories	Plate x 1, Plate mounting screw (M3.5 x 5.5, preinstalled on the plate) x 2, Box mounting screw (M4 x 35) x 2
Compatible Box	Flush-Mount Box: YC-801 Wall-Mount Box: YC-802

(*1) 0 dB = 1V
(*2) Lights only when phantom power is supplied.

Dimensions

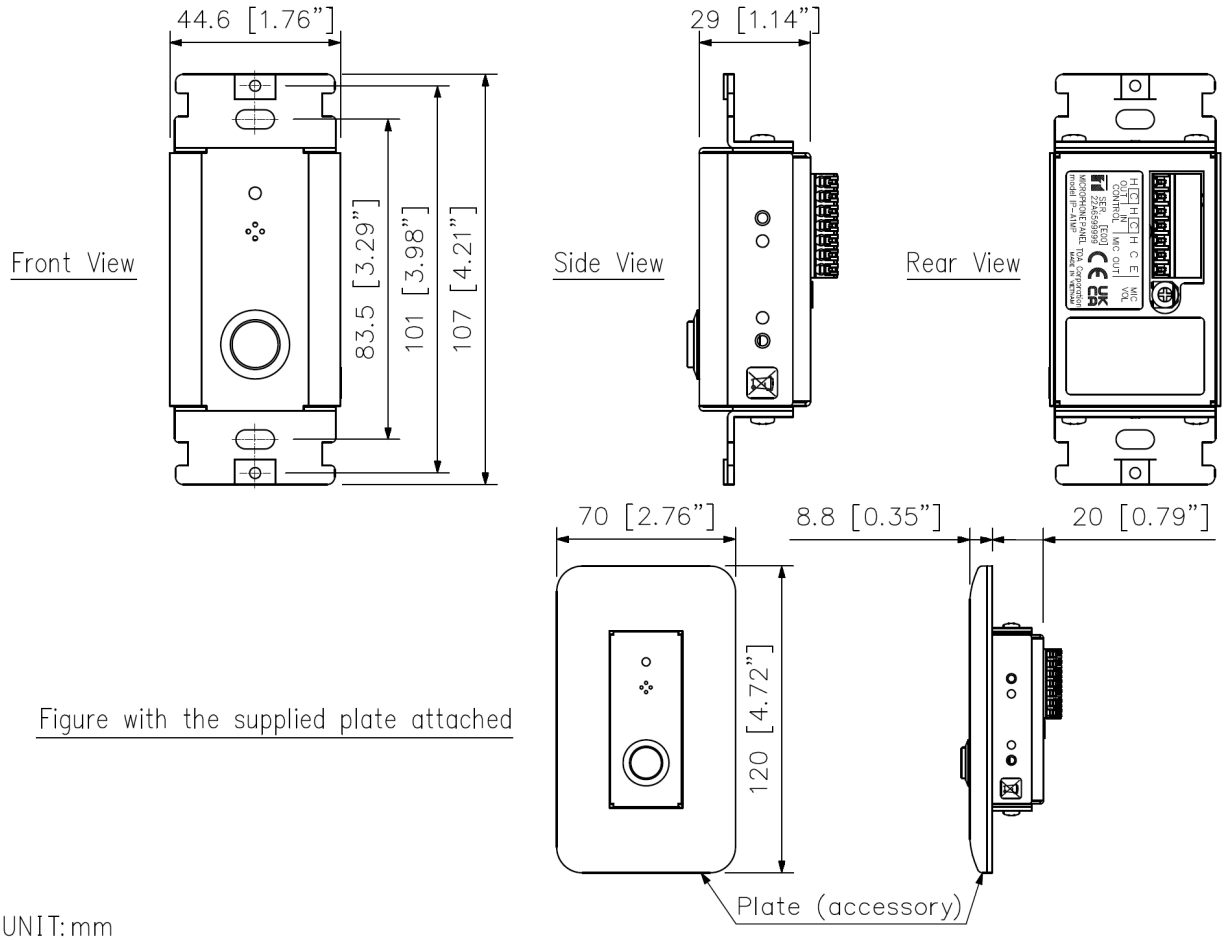


Figure with the supplied plate attached

UNIT: mm

A&E specifications

The microphone panel shall be equipped with an omni-directional electret condenser microphone, momentary type push switch and a status indicator. It shall be able to be installed with a standard electrical box as surface or flush mounting.
The microphone panel shall have an electronically-balanced 200Ω microphone output with an push-in terminal block. The microphone output volume level shall be adjustable.
The microphone panel shall have a no-voltage make contact input and an output with push-in teminal block for external controls.
The control output circuit shall be automatically closed while the push switch is pressed.
The status indicator shall be lit when the control input is activated while phantom power is supplied.
The microphone panel shall be housed in white treated steel plate and an accessory ABS resin white plate shall also be supplied for electrical box installation.
The dimension shall be 44.6 (W) x 107 (H) x 29 (D) mm (1.76” x 4.21” x 1.14”) weighing 170 g (0.37 lbs).
Optional extras:
Flush mount box: YC-801
Wall-mount box: YC-802
manufactured by TOA Corporation
Manufacturer: TOA Corporation
Model: IP-A1MP