



# Australian Monitor

## INSTALLATION SERIES

### ATC5488

## Tone Generator Module Installation Instructions

Thank you for choosing an Australian Monitor Installation Series ATC5488 tone generator module. The ATC5488 generates four tones. These are Evacuation and Alert Tones, both to AS2220.1.2 (Australian) standards, as well as a Bell Tone and a Pre Announce Chime. Installation into compatible Australian Monitor Installation Series mixers or amplifiers is made simple by utilising a standard 'end' type connector plug, which plugs into a receptacle inside the mixer or amplifier. Please follow these easy instructions for installation.



The installation of the ATC5488 involves access to the inside of the mixer or amplifier. Installation should only be attempted by a qualified technician. Always turn off AC power and remove the AC power cord before attempting to access the inside of any Australian Monitor Installation Series mixer or amplifier.

**For installation into an IC30 amplifier:** Locate the empty 7 pin 'end' connector receptacle on the mixer PCB to the left of the heat sink when looking from the front panel. Connect the module to this receptacle, ensuring that the orange wire on the connector is at the right hand end of the connector receptacle.

**For installation into an SA series amplifier:** Locate the empty 7 pin 'end' connector receptacle on the mixer PCB between the Ch 6 pot and the bass pot. Connect the module to this receptacle, ensuring the orange wire on the connector is at the right hand end of the connector receptacle when viewed from the front panel.

**For installation into a TX6000 or TX8000 mixer:** Locate the empty 7 pin 'end' connector receptacle behind the Ch 5 pot on the mixer PCB. Connect the module to this receptacle, ensuring that the orange wire on the connector is at the right hand end of the connector receptacle when viewed from the front panel.

**For installation into an AMC series amplifier :** Locate the empty 7 pin 'end' connector receptacle in the middle of the mixer PCB. Connect the module to this receptacle, ensuring that the orange wire on the connector is at the right hand end of the connector receptacle when viewed from the front panel.

The ATC5488 module is supplied with double sided adhesive enabling the module to be permanently attached to the chassis or under the lid of your mixer or amplifier. On selected mixers and amplifiers, spare screw terminals on the rear panel allow the activation wires from the ATC5488 to be connected to the back panel for easy external connection to switches or a timer.

### Connections

|                          |        |   |                                    |
|--------------------------|--------|---|------------------------------------|
| Connection to amplifier: | Orange | - | Output                             |
|                          | Black  | - | Ground                             |
|                          | Blue   | - | Mute switch                        |
|                          | Red    | - | DC Supply (Min. 12VDC, Max. 18VDC) |

|                                |        |   |                    |
|--------------------------------|--------|---|--------------------|
| Connections to activate tones: | Black  | - | Common             |
|                                | White  | - | Evacuation tone    |
|                                | Yellow | - | Bell Tone          |
|                                | Purple | - | Alert Tone         |
|                                | Blue   | - | Pre Announce Chime |

**NOTE:** Note that the trim pot located in position R10 on the ATC5488 module attenuates the level out of the ATC5488 and works in an anti-clockwise fashion ie, turning it fully clockwise will completely attenuate the signal output whilst turning it fully anti-clockwise will allow full signal though to the amplifier stage.

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