

BGM2

CD/Tuner Dual Program Source

Description

The Australian Monitor Installation Series BGM2 is a one rack unit, dual program source that features an AM/FM tuner and single disc CD player.

The on-board tuner has two FM bands and one AM band, with each band being capable of recalling 6 user selectable preset stations. The CD player is fully programmable up to 20 tracks and includes Shuffle and Repeat single track or Repeat all track functions. The BGM2 is supplied with a 15 VDC plug pack power supply, AM/FM antenna and rack mounting kit.

The BGM2 also boasts individual stereo outputs from both the Tuner and CD player as well as a stereo mixed priority output (tuner will play unless a CD is inserted).

The BGM2 provides a high quality, rack space friendly and extremely well featured dual background music source at a contractor friendly price.

Operation - CD Player

Playing CDs: This CD player accepts all 12cm discs including CD-R and CD-RW.

Track Selection and Programming Functions: Up to 20 tracks can be pre-programmed into the BGM2's CD player with a specified playback order.

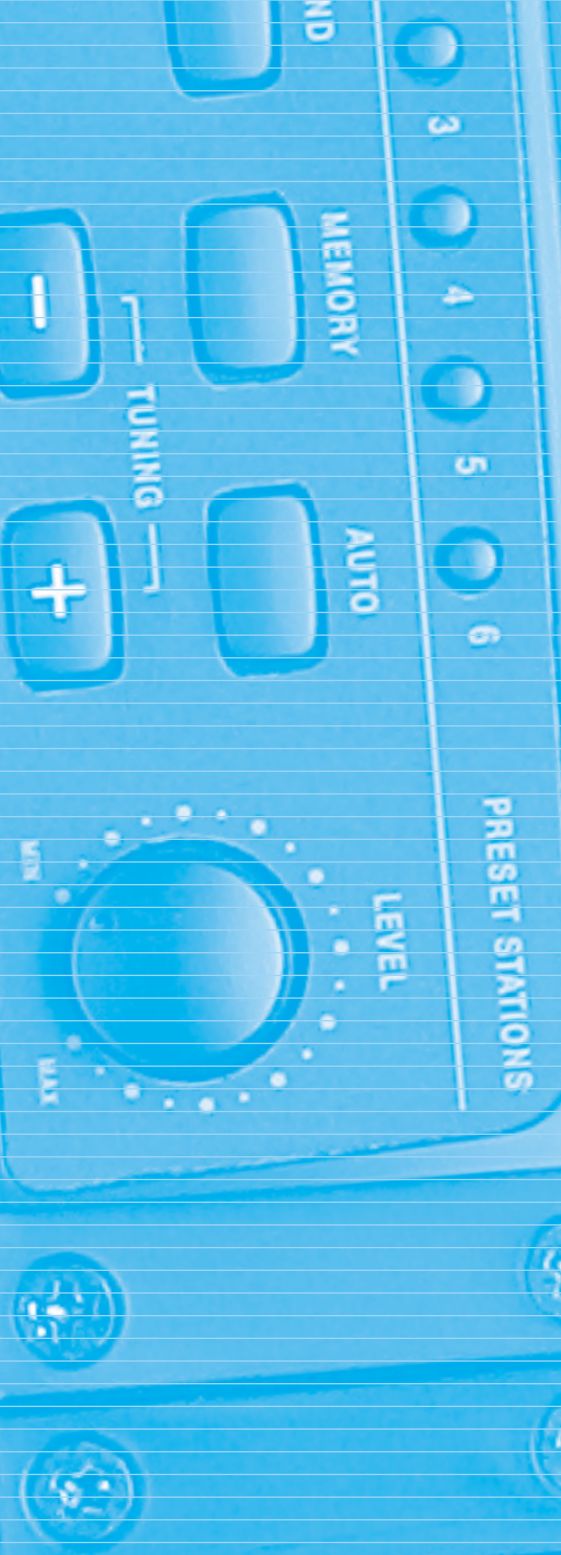
Operation - Tuner

The tuner features two FM and one AM band. Stations may be selected manually or via auto scan. They may be recalled by any of the six presets. An LCD display provides easy viewing of all functions.

Priority Output

The BGM2 features a STEREO PRIORITY OUTPUT, in addition to the separate Stereo outputs for the CD and Tuner. The Priority Output will output the signal from the BGM2's tuner until a CD is inserted and played. Then the CD output will override the tuner signal and appear at the priority output. As soon as the CD player stops, the tuner signal will return automatically. This feature allows the user to utilise only one input on their mixer/amplifier for both CD and Tuner background programs.





SPECIFICATIONS - CD PLAYER

Output Level @ 1KHz	0.4V ± 0.05V
Frequency Response	20Hz - 20KHz ± 3dB
Separation 1 KHz 0dB	More than 60dB
THD + Noise 1 KHz 0dB	Less than 0.1%
S/N Ratio	More than 80dB

SPECIFICATIONS - AM/FM TUNER

FM:

Tuning Range	87.5 MHz - 108 MHz (Europe: FM 87.5 - 108 MHz (50K Interval))
IF Rejection	87.9 MHz dB56
Image Rejection	105.9 MHz dB26
S/N Ratio 1mV/M Input	46dB
THD 1mV	0.5%
Auto Tuning Sensitivity	97.9 MHz dB25

AM:

Tuning Range	531KHz -1602KHz (Europe: AM 522 - 1620 KHz)
IF Rejection	603 KHz dB32
Image Rejection	1404 KHz dB38
S/N Ratio 5mV/M Input	999 KHz dB35
Auto Tuning Sensitivity	999 KHz dB55
Maximum Output	1 KHz 0.4V ±0.05V

DC

12V - 16V

Dimensions (mm)

438 W x 43 H x 295 D

Accessories Supplied

- AM Antenna x 1
- FM Antenna x 1
- Dual RCA Lead x 2

15VDC Plug Pack Power Supply

1RU Rack Mounting Bracket x 2



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