

A1100

2 x 15W Bluetooth Amplifier & Music Player Wallplate



Operating Instructions

PRODUCT DESCRIPTION

A compact wallplate designed to fit a standard electrical wall box, which features a 2 x 15W RMS (into 4 ohms) internal amplifier with Bluetooth wireless receiver. The wallplate uses a class D design amplifier whose efficiency is greater than 90%. It is ideal for connecting speakers in your lounge room, kitchen or study. It can stream music directly from your smartphone or tablet. It also features an FM tuner, auxiliary 3.5mm jack, USB and SD card inputs for MP3 playback. It could be used in reception areas for general background music and broadcasting audio advertising in commercial installations, shops, hotels, offices, restaurants etc. Includes IR remote control. Requires 12V d.c. power supply.

ADVISORY

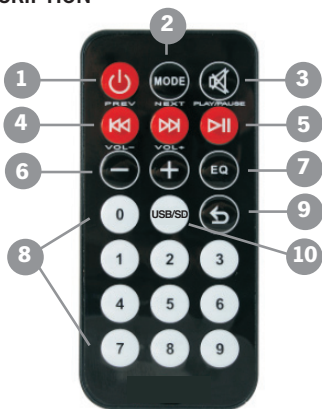
This instruction manual is written for the A1100 2x15W Bluetooth Amplifier and Music Player Wallplate. Please read this manual carefully and retain it for future reference.

INSIDE THE BOX

- 1 x Wall plate
- 1 x Wall box
- 1 x Extension wire
- 1 x Manual
- 1 x Remote Control

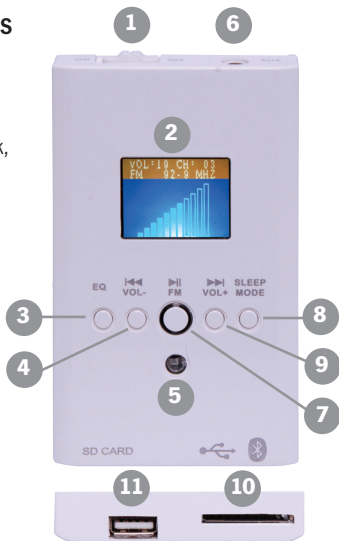
REMOTE CONTROL BUTTONS DESCRIPTION

1. Power
2. MODE (default FM Radio)
3. Mute
4. PREV/NEXT song
5. PLAY/PAUSE
6. VOL-/VOL+
(Press 3+ sec for Volume control)
7. EQ Control
8. 0-9, number pad
9. Repeat
10. USB/SD select

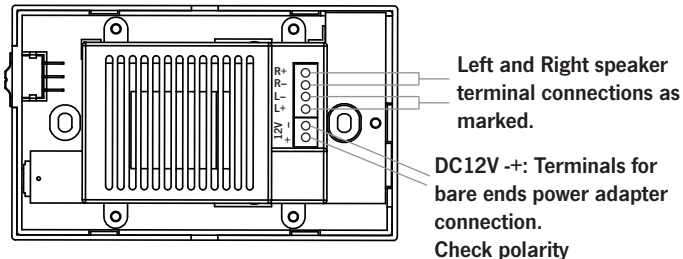


FRONT PANEL CONTROL BUTTONS

1. Power switch
2. LCD Screen
3. EQ Control
4. VOL- or |<< skip track previous
(Press 3+ secs for Volume control)
5. IR Receiver for remote control
6. AUX Socket
7. Play / PAUSE or FM Scan
(Press 3+ secs to activate scan)
8. Mode switch (default FM Radio) /
Sleep (press 3+ secs)
9. VOL+ or >>| Skip track next
10. SD CARD Slot
11. USB Stick slot



REAR TERMINAL CONTROLS



OPERATING PROCEDURE

Installation

1. Connect the speaker wires to the terminal block as per the label . The green terminal blocks can be removed quite easily so that the user can insert their own plugs if they have the correct ones connected to the speaker wires.
2. Connect the power adapter bare end wires into the terminal block as per the label .
3. Plug the adapter into the mains power outlet and switch the power on.
4. Connect any media sources into the available slots or socket: USB, SD Card, Stereo jack for AUX.
5. Move the power switch to the ON position. The LCD will display 'Welcome MP3 Player' and then the volume bars will appear. The first default mode of operation is FM Radio. It is likely that the first audio emitted from the speakers will be static.
6. Use either the buttons on the remote control or the front panel to increase or decrease the volume of the audio output. If you use the front panel at first (recommended), you will have to press and hold the VOL- or VOL+ buttons (|<< or >>|) for the volume control to begin to change.
7. Press and hold the FM button on the wallplate front panel to initiate a scan for strong radio station signals. The unit will store in memory any radio station frequencies which have a strong signal. Once the scan is

completed, press the >>| or |<< buttons momentarily to skip to a Channel (symbol on LCD 'CH') stored in memory.

8. In FM Mode, press and hold the >>| or |<< buttons to tune to an FM frequency that has perhaps not been captured by the scan. This semi manual search will stop and capture the next strongest signal on the dial, in whichever direction you choose to tune.

NOTE: If all possible devices are connected and inserted, the MODE button will cycle through the modes in the following order: FM > AUX (LINE IN on LCD) > Bluetooth > USB (U) > SD Card (S) > FM. If a device or media is missing, the MODE button will cycle passed that mode, skipping to the next mode in the sequence, or to whatever is available. Bluetooth and FM radio modes are always present and never skipped.

Other Modes: Bluetooth

1. In FM mode, press the MODE button on the remote control or the front panel. This will firstly engage the Bluetooth mode.
2. Have your Bluetooth enable playback device (MP3 player or Mobile phone or tablet) set to Bluetooth search mode.
3. When the device 'MEDIA PLAYER' appears in the search list, select it. Pairing of the device with the wallplate will commence.
4. Your device will state when a successful pairing is completed. You may be requested to enter a pin number. The number is '0000'.
5. As soon as the pairing is done and the devices are synced via Bluetooth, the FM radio will cease playing and you can commence audio playback from a playlist on your device.
6. Control of the audio playback is largely managed from the device that is paired. You can increase or decrease audio output from the wall plate by pressing the VOL- or VOL+ buttons on the front panel or the remote control.
7. A Bluetooth pairing can be disconnected from the source device. If you reconnect a paired device during the playback of another mode, that mode will switch off and Bluetooth will commence.

NOTE: If a user inserts either of the following source input media while using FM or Bluetooth, USB/SD Card/AUX then the current mode will divert automatically to the mode for playing whichever media was inserted. However, if a device has been paired with the Bluetooth, that sync condition will remain even though the Bluetooth playback may have been overridden by another media being inserted into the wallplate. See below for descriptions of screen icons.

Other Modes: AUX or LINE IN

1. Simply insert a stereo 3.5mm jack into the AUX socket on the top edge of the wallplate to activate LINE IN mode. The words 'LINE IN' will appear on the top line of the LCD. This mode will playback whatever audio is playing on the source AUX device, which could be a phone, MP3 player, tablet or PC playing through the headphones or line out.
2. Press MODE button to exit AUX mode and enter another available mode.

Other Modes: USB and SD CARD

1. Simply insert a USB or SD Card into the appropriate socket on the bottom edge of the wallplate to activate either USB (U) or SD Card (S) playback mode. The letter 'U' or 'S' will appear on the top line of the LCD, along with other information. This mode will playback whatever audio is playing on the source media
2. Press USB/SD button on the remote control to toggle between these two media playback modes, when both slots have media inserted.
3. Press MODE button to exit playback and enter another available mode.

NOTE: This Wallplate is fully 'plug n play' enabled, meaning that if a media or auxiliary audio source is inserted into a slot or socket, then that inserted source will override the playback from whichever mode is currently operating. I.E. Insert SD Card during FM Radio and SD Card mode will replace FM mode and the MP3s stored on the card will start playing; Insert USB during Bluetooth mode, and the USB's MP3s will start playing; Insert a stereo jack during SD Card mode playback, and the AUX-Line In mode will take over and activate. See below for descriptions of screen icons.

LCD Icons and data display

Different information is displayed on the LCD for each mode of operation. The most important detail is shown on the top lines of the LCD. This will indicate the current mode and the playback information that is relevant to that mode.

For example, in FM mode, the screen will display the sound volume bars, as well as the channel number as stored in sequence in the wallplate's memory, and the frequency for that stored channel. This FM receiver does not have RDS so no track information is displayed. You can press PLAY/Pause to interrupt and restart playback of the channel audio. There is no EQ available for FM mode.

The information displayed during track playback is very similar in USB/SD Card modes. 'RPT ALL' is indicating that the playback will cycle through all the songs it can play and return to the first song it found on the list, and keep playing. 'NOR' is the default or 'Normal' EQ setting. The number is the volume level, which goes from zero to 30.

S = SD Card; U = USB. 'S > 002/017 160kbps' shows that the wallplate is in SD CARD mode, is playing track 2 of 17 available, and this is recorded at a bandwidth of 160kbps. And below these two lines of information, the LCD will display the Track name and Artist name for the current track. It also shows the time progressing and the total track duration.

General comments

RPT: Repeat function for track playback in SD Card or USB modes. RPT ALL will play every track on a continuous loop; RPT ONE will play a single track on a loop.

SLEEP: Press and hold this button on the front panel to place the unit into standby power. To revive the operation of the wallplate, either press SLEEP again or press the standby power button on the remote control. When the wallplate is powered up from standby, the Bluetooth will attempt to re-establish a pairing with the previously paired device. If the device is within range and still has Bluetooth active, the two devices will pair automatically, and Bluetooth mode will be available on the wallplate.

EQ: There for five EQ settings which are activated by repeatedly pressing the EQ button. The settings cycle through in the following order: NOR (Normal), ROC (Rock), POP, CLA (Classical), JAS (Jazz). EQ only works for SD Card and USB modes.

TECHNICAL SPECIFICATIONS

Input Voltage:	110Va.c. or 230Va.c.
Operating Voltage:	12Vd.c. (Requires Power adapter)
LCD Size:	34mm X 27mm
Rated power:	15W
Audio:	2 Channels stereo
Audio Formats:	MP3 only
Output impedance:	8 ohms
Frequency response:	20Hz-20kHz
THD:	0.03%
Infrared distance:	<10M
Dimensions:	73 x 116 x 60mm