



# Operating Manual

## A 1715 MP3 Message Player - Din Rail



### OVERVIEW

The A 1715 is an MP3 based message player, housed in a convenient DIN rail housing. It has four independent contacts for remote triggering of the four available MP3 audio files. These files can be a recorded message, a music track or any audio whatsoever as long as the file is in MP3 format. The MP3 files are stored on the supplied Micro SD card. Audio is output via dual stereo line level RCA's and the unit is powered by 24V DC via the supplied plugpack.

### FEATURES

- Four MP3 audio messages available
- Micro SD Card storage of MP3 files (supplied)
- Stereo Dual RCA output
- Remote triggering of MP3 playback
- Manual playback of MP3 files
- 24V DC operation
- Supplied with 24V DC plugpack

### MP3 FILE SETUP

For the unit to function correctly, the supplied micro SD card must be installed.

The micro SD card should have the following folders already installed "Trig1, Trig2, Trig3, and Trig4". If these folders don't exist they will have to be created.

Inside each of these folders there will be a sample MP3 audio file.

In order to put MP3 files onto the card, the SD card will need to be connected to a PC. You will need a PC or laptop equipped with an SD card reader to do this. If an SD slot is not available then the Altronics D 0371A USB Memory Card Reader or similar would be suitable (not supplied).

You will first need to remove power from the A 1715 and then remove the micro SD card from the rear of the unit. To remove the micro SD card push the card in and it will eject itself.

*Step by step guide to put an MP3 into it's associated folder with a Windows installed PC.*

**Step 1:** Make sure the PC is on and card reader connected and correctly installed. Then insert the micro SD card into the reader.

**Step 2:** Go to "My Computer" or "This PC" and open the micro SD card which is usually marked "Removable disk". In this case it is named "Removable disk (H:)". Select the removable disk and then you should get a window that looks like figure 1.

**Step 3:** Open the folder to change, in our example the "Trig4" folder, and you should get a window that looks like figure 2.

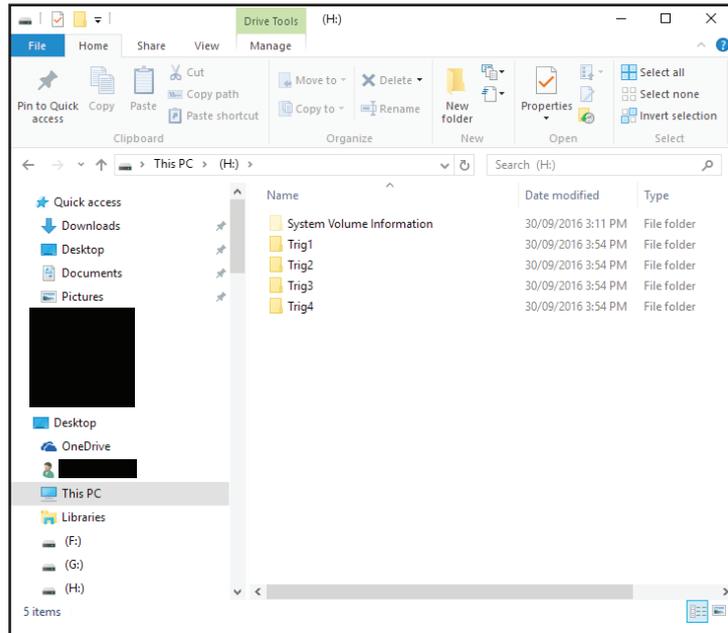


Fig 1

**Step 4:** You should see an MP3 file called "aussie made.mp3". This MP3 file needs to be deleted and replaced by the MP3 file you want to play when you activate trigger 4. The MP3 file name is not important only that there is one MP3 file in the "Trig4" folder. Make sure you delete the old MP3!

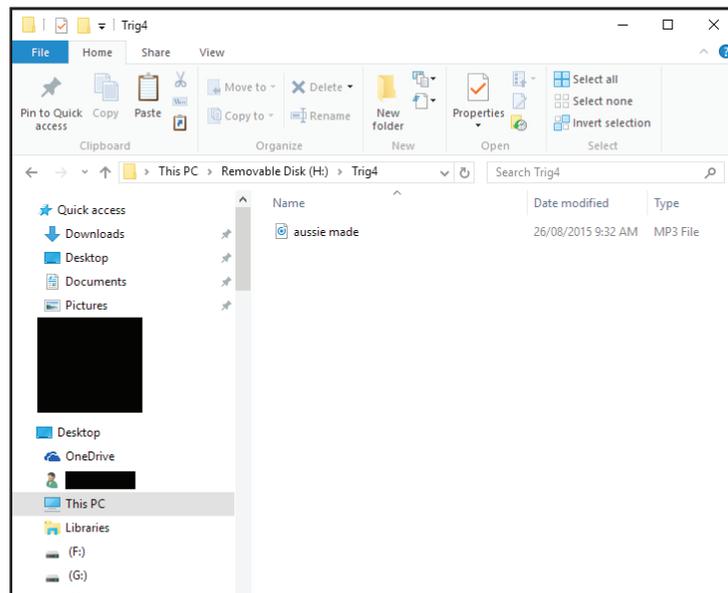


Fig 2

NOTE the new MP3 file cannot be "Read only". To check this right click on the MP3 file and scroll down and select Properties, you will get a window that looks like figure 3. Make sure the "Read Only" box has no tick in it.

Repeat these steps for the other folders.

The new MP3's are now installed on the micro SD card, and the card can be removed from the PC following windows safe card removal procedures. Make sure the A 1715 is OFF and insert the micro SD card into the slot in the top; it will click when fully inserted.

The A 1715 can now be switched back On. If all the MP3 files are OK then the unit will play each file as they are triggered.

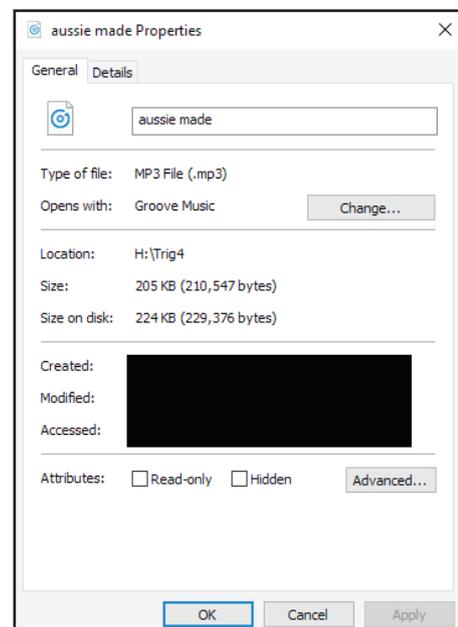


Fig 3

## CONNECTIONS & PLAYBACK

Figure 4 shows the layout of the A 1715.

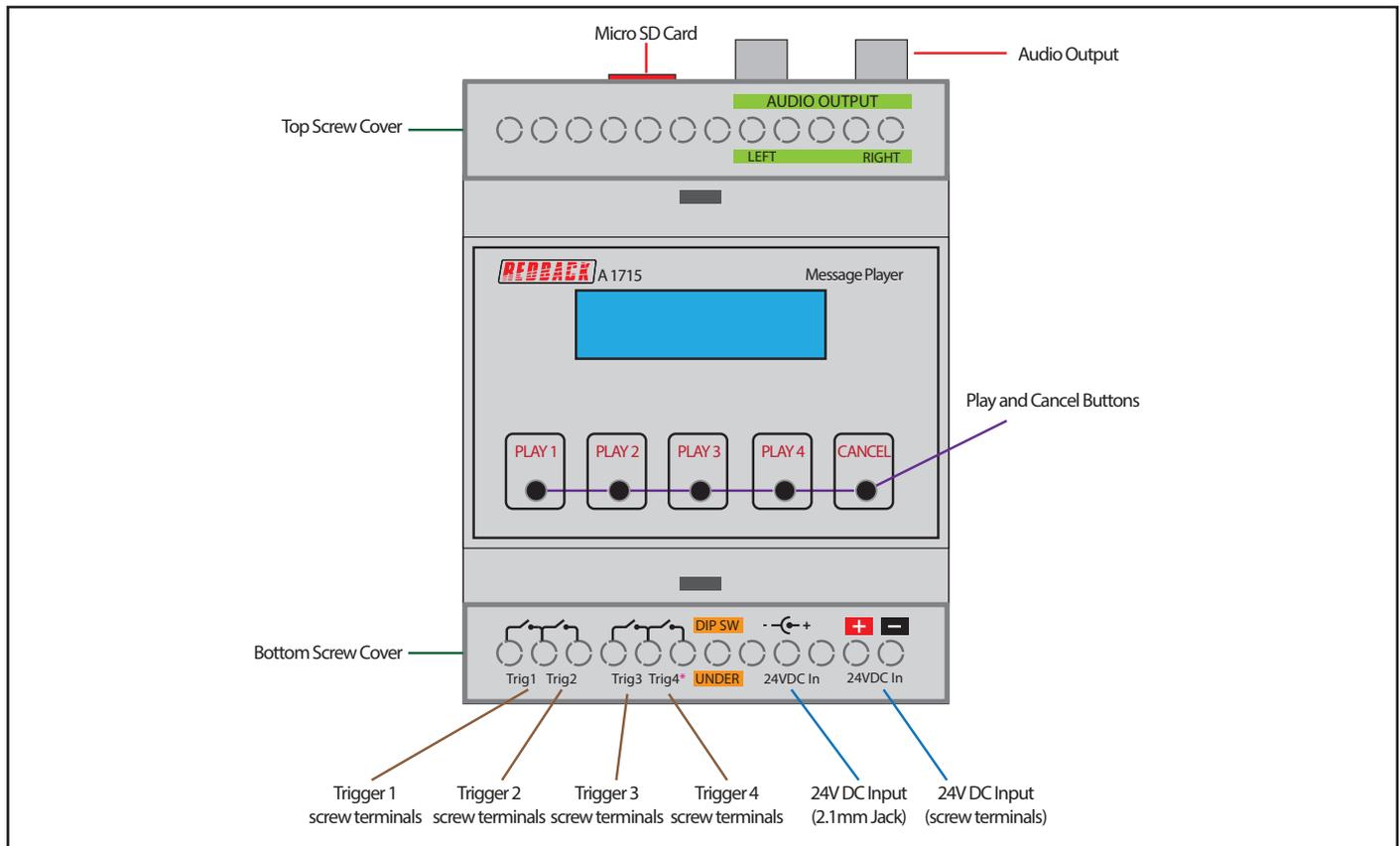


Fig 4

Playback of the MP3 audio files is as easy as pressing the “Play” button of the corresponding MP3 to be played, or the “Cancel” button to stop playback. If an MP3 file is being played and an alternate “Play” button is pressed, the current MP3 file will stop playing and the new MP3 will then be played back, without the need to manually cancel the first MP3. Once activated the MP3 file will play once only unless DIP switch 1 is set to ON (Refer to DIP switch settings).

**POWER:** The unit is powered by 24V DC, via the supplied 24V DC plugpack. Connection can be made via the 2.1mm DC jack or screw terminals. These two inputs are connected in parallel inside the unit, so either could be used as an input, while the other could be used as a 24V DC output to power another device.

**TRIGGERS:** There triggers are provided for remotely activating the playback of the four MP3 audio files. A momentary short of the contact is required to initiate playback of the corresponding MP3. The MP3 file will play once only unless DIP switch 1 is set to ON (Refer to DIP switch settings).

Trigger 4 can also be used as a cancel trigger (Note: This limits the number of remote triggers to three) when DIP switch 2 is set to ON (Refer to DIP switch settings).

**AUDIO OUTPUTS:** The audio is output via dual stereo RCA connectors, with an output level of  $\approx 1V$ .

## DIP SWITCH SETTINGS

There are two DIP switches accessible on the inside of the A 1715. To access the DIP switches remove the bottom screw cover.

**IMPORTANT NOTE:**  
Ensure power is switched off when adjusting DIP switches.  
New settings will be effective when power is switched back on.

### Switch 1 - Loop Active MP3

When switch 1 is set to the "ON" position, the triggered MP3 will repeatedly play (or loop) until another MP3 is triggered or the MP3 is cancelled.

### Switch 2 - Trigger 4 acts as cancel.

When switch 2 is set to "ON" trigger 4 will become a cancel trigger (Note: Only three MP3 triggers will then be available).

## TROUBLESHOOTING

### Symptom

### Remedy

The MP3 file will not play.

MP3 files must be in MP3 format (not WAV, AAC etc)

SDCARD ERROR1

Check that theMicro SD is installed

All Australian made Redback products are covered by a 10 year warranty.

Should a product become faulty please contact us to obtain a return authorisation number. Please ensure you have all the relevant documentation on hand. We do not accept unauthorised returns. Proof of purchase is required so please retain your invoice.