blackbox-av
audio ■ video ■ interactive

Audio Frame
Manual

V1.1

Safety Guide

Read this guide carefully before using or installing the product.

Preventing accidents and protecting the health of the user of the Audio Frame

- Ensure the audio levels are set so ear damage cannot occur when someone is using the product.
- When tethering the armoured cable ensure there is no trip hazard created when the headphones are stored on its hanger.
- Over time, monitor the product to ensure there is no damage caused by deliberate vandalism which could harm other users.
- Turn off the unit completely when accessing the internals.

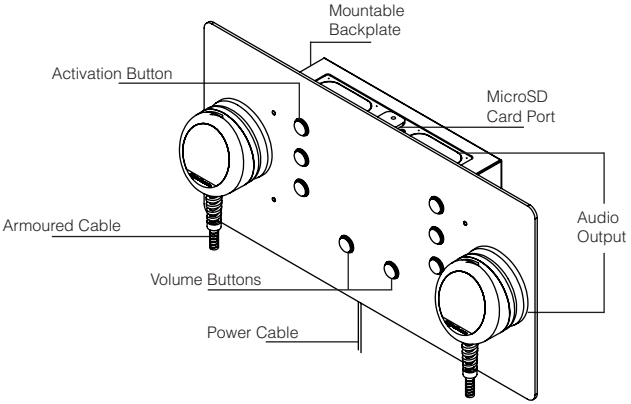
Preventing damage to the product and malfunctions

- As the product is not water-resistant install in a dry place where excessive liquid ingress may not occur.
- Clean the product regularly with a soft dry cloth or anti bacterial wipe.

Warranty

Blackbox-av provides a 12 month warranty with this product. For further information or advice please contact **info@blackboxav.co.uk**

Your new Audio Frame



Overview

Audio Output
The Audio Frame will either be supplied with 1/2 x Heavy Duty Handsets or 2 x 8Ω 5w Speakers installed within the rear casing.

Armoured Cable
The HDH is fitted with a 1.35m stainless steel armoured conduit providing protection to the inner audio cable. The cable is built with a heavy duty strain relief offering further durability and protection when in use.

Activation Buttons
Add up to 10 activation buttons for triggering audio content.

Volume Buttons
Adjust audio levels with 2 push buttons.

MicroSD Card Port
Load content onto the MicroSD Card, plug into the rear port and the unit is ready for use! If you wish to provide further protection, simply fix the supplied security cap.

Power Cable
Connect your supplied 12V DC adapter to the Audio Frame to give power to the device.

Mountable Backplate
The backplate has been designed to VESA fit onto 75x75, 100x100 or 200x140 spaces.

Programming Audio Content

Content for your Audio Frame is stored on a MicroSD Card (supplied pre-programmed). We suggest you use this as a template for uploading for your own content.

Should you need to use a different MicroSD Card we suggest you format the new card first to 'FAT' or 'FAT32'

To program your content, you will need;

1. A PC or Laptop with Windows OS
2. Audio Content in .mp3 format
3. MicroSD Card (Supplied)
4. MicroSD to USB converter (Supplied)

1. Windows OS

Windows OS is required to program your Audio Frame using a PC or Laptop (Xp - 10). If you wish to use MacOS, please visit the support page on www.interpretationshop.co.uk/support

2. Audio Content

The Audio Frame can play up to 99 .mp3 tracks depending on the Play Mode (see next page for further information) you select. Tracks are stored in the root of your MicroSD Card. You must name your files 001 - 099.

The order in which your files are played and the buttons they are assigned to is dependant on their name.

File 001 - Button 1 / 1st File Played
File 002 - Button 2 / 2nd File Played
File 003 - Button 3 / 3rd File Played

And so on...

3. Add Content

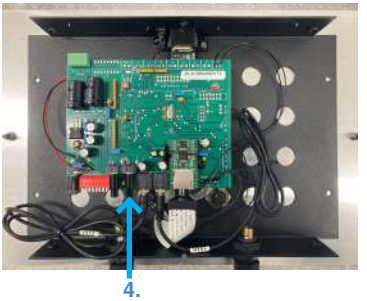
Once you have your audio files ready and correctly named, you simply need to load them all to the supplied MicroSD card.

Insert the MicroSD card into supplied MicroSD – USB card reader. Plug into a USB socket on your PC and open the folder.

Now simply drag and drop all the required files onto the MicroSD card. Insert the MicroSD card into the port and power on.

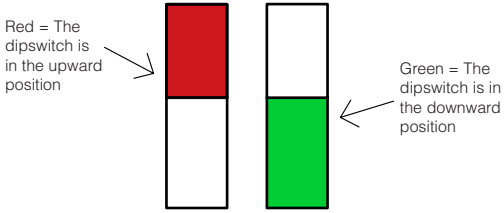
4. Master Volume

Inside your Audio Frame is a Master Volume dial, which lets you dictate the maximum volume that's accessible to your intended audience. Simply turn clockwise or counter-clockwise until you're happy.

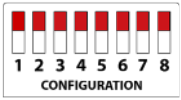


Configuration Modes

To change a mode you must use the configuration switches found inside of the Audio Frame, more information on this can be found on the following page. As standard the Audio Frame will playback your tracks in an interruptible manner, with all configuration switches in the upward position. Please see diagram below for more clarification;



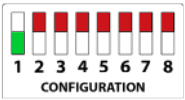
Mode 0 - Interruptible Playback



For use with 2+ Buttons. An individual MP3 can be assigned to each button providing interruptible playback. This means that pressing a button will activate new playback.
Up to 8 Tracks.

- Button 1 - Track 1
- Button 2 - Track 2

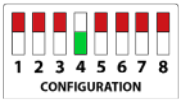
Mode 1 - Non-Interruptible Playback



For use with 2+ Buttons. An individual MP3 can be assigned to each button providing non-interruptible playback. This means that playback must finish before your next button selection. Up to 8 Tracks.

- Button 1 - Track 1
- Button 2 - Track 2

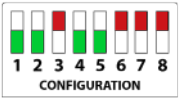
Mode 2 - Next/Previous



Users may navigate through tracks by using button 1 for next and button 2 for previous.
Up to 99 Tracks.

- Button 1 - Next Track
- Button 2 - Previous Track

Mode 3 - Hold to Play



User must hold down the button to begin the track. Releasing will stop playback.
Up to 8 Tracks.

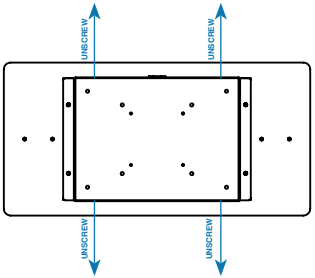
- Button 1 - Track 1
- Button 2 - Track 2

Changing Modes

1. Removing the Rear Casing

To change the configuration mode, you must unscrew the 4 screws on the backplate. Please see the diagram below for reference;

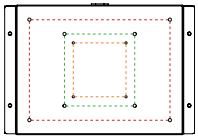
Please ensure the power is turned off when changing the mode.



Mounting the Audio Frame

1. Mount the backplate to a wall using the provided VESA holes. The plate comes with 3 different sizes to suit your installation/fixing area. Please use all 4 holes to secure the Audio Point.

- 200x140
- 100x100
- 75x75

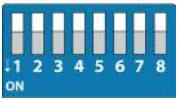


2. Once in place, fix the Front Plate back onto the backplate. You will need to use the same four screws you took out in the previous step.

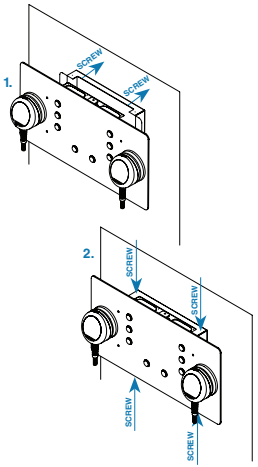
2. Locating the Configuration Switches

Once the case is open, you now need to locate the configuration controller.

Next to the Power Input port, is a blue box with white switches. These will be your configuration switches used to change the playback mode. It'll look like the diagram below;

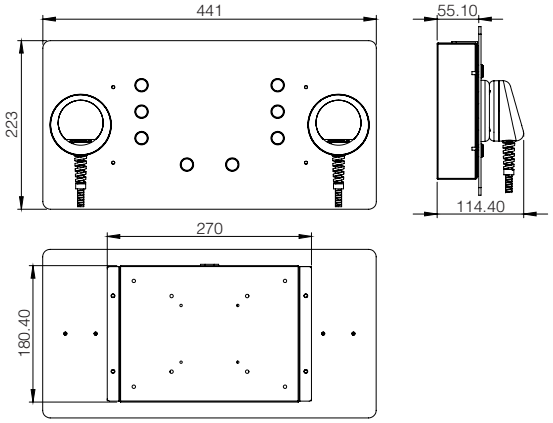


Please refer to the previous page and switch to a new mode.



Technical Information

Unit Weight	2Kg
Unit Dimensions	55.10 x 441 x 223mm
Power Input	DC12V 2A
Audio Output	1 or 2 Handsets / or 2 built in Speakers
Button Inputs	Up to 10 Buttons (as well as optional volume controls)
Playable Format	Audio: .MP3
Storage	MicroSD Card (128MB Supplied)
Max. Number of audio files	99
Input Power for Heavy Duty Handset	Rated: 30mW - Max: 50mW
Input Power for Speakers	2 x 5W
Button Size	16mm Black, 19mm Silver
Screw Sizes	75x75 M3, 100x100 M4, 200x140 M4
VESA Mount Size	75x75, 100x100, 200x140



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