Audio Frame
Manual

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.
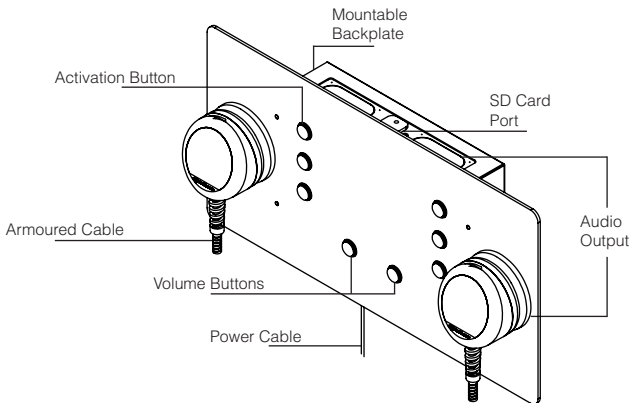- Turn off the unit completely when accessing the internals.

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

- Mountable Backplate
- Activation Button
- SD Card Port
- Armoured Cable
- Audio Output
- Volume Buttons
- Power Cable

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 12 activation buttons for triggering audio content.

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

Volume Buttons
Adjust audio levels with 2 additional push buttons.

SD Card + USB Ports
Load content onto an SD Card or USB. Plug into the matching rear port and the unit is ready for use! If you wish to provide further protection, simply fix the supplied security cap.

The USB Port is only accessible by opening the unit, instructions are on pg5.

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

Programming Audio Content

Content for your Audio Frame is stored on a SD Card (supplied pre-programmed to mode 5). We suggest you use this as a template for uploading your own content. You can also use a USB Stick for this process.

Should you need to use a different SD 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 (supports up to 99 files).
3. SD Card (Supplied) or USB Stick

1. Windows OS
Windows OS is required to program your Audio Frame using a PC or Laptop (Xp – 11). MacOS is not supported due to hidden files generated by the OS.
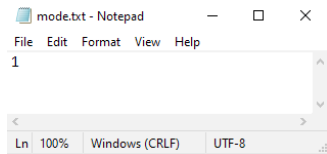
2. Mode File
You will need to create a config file in order to set the Audio Frame's mode.
Right Click > New > Text Document.
You must rename this to 'Mode'.

Open your Mode file and simply type a number between 1 and 6. Setting a number will assign a playback mode for the device. More details are on the previous page.
Templates are available on our website.

3. Audio Content
The Audio Frame can play up to 99 .mp3 tracks. These are stored in the root of the USB or SD Card.

You must number your files 01 – 99. The order in which your files play and the buttons they are assigned to is dependent on their name and / or folder structure.

File 01 - Button 1 / 1st File Played
File 02 - Button 2 / 2nd File Played
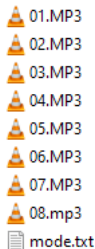File 03 - Button 3 / 3rd File Played

And so on...

4. Add Content
Once you have your audio files ready and correctly named, you simply need to load them all onto a USB or SD Card.

Insert the USB or SD Card into a spare port on your PC and open the folder.

Now simply drag and drop all the required files onto the USB or SD Card. Insert the USB or SD Card into your Audio Frame and power on.

Configuration Modes

How the Audio Frame plays content can be configured via the Mode.txt file. You must power on / off your Audio Frame after changing modes.
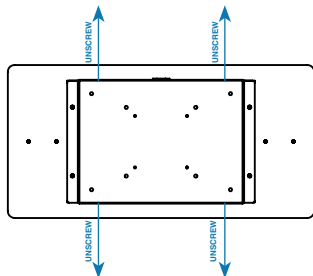
Type	Description	Mode
Non-Interruptible Button Triggers	Buttons 1 – 12 are assigned to individual tracks of the same number. When playing, tracks **cannot** be interrupted by another button press. Button 1 = Track 01.mp3 Button 2 = Track 02.mp3 Etc…	**6**
Interruptible Button Triggers	Buttons 1 – 12 are assigned to individual tracks of the same number. When playing, tracks **can be** interrupted by another button press. Button 1 = Track 01.mp3 Button 2 = Track 02.mp3 Etc…	**5**
Holding Track Active	Track 00.mp3 will play on loop until another input is selected. Button 1 = Track 01.mp3 Button 2 = Track 02.mp3 Etc… When activated track ends, holding track will begin again.	**3**
Next / Previous	Button 2 activates Track 01.mp3, Button 2 then activates the next track(s) while button 3 activates previous track.	**1**
Multiple Tracks within Folders	Button 1 activates Track 01.mp3 in folder 01. Pressing button 1 again moves to Track 02.mp3 in folder 01 and so on. Button 2 activates Track 01.mp3 in folder 02 Pressing button 2 again moves to Track 02.mp3 in folder 02 and so on. Buttons 3 – 12 do the same for folders 03 – 12.	**4**

Changing Master Volume

1. Removing the Rear Casing

Unscrew the 4 screws on the backplate in order to access the Master Volume Dial, as well as access the USB port. Please see the diagram below for reference;
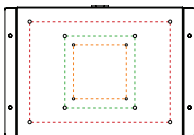
Please ensure the power is turned off when changing the mode.

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.
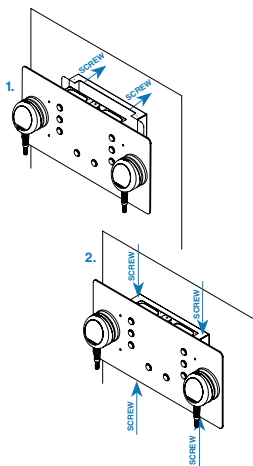

- ---- 200x140mm
- ---- 100x100mm
- ---- 75x75mm

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. Master Volume Dial

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.

2.

1.

2.

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 12 Activation Buttons (plus 2 optional volume buttons)
Message Encoding Format	.MP3
Message Storage Medium	SD Card or USB Stick
Max Number of Audio Files	99 Files (mode dependant)
Input Power for Heavy Duty Handset	Rated: 30mW - Max: 50mW
Input Power for Speakers	2 x 5W
Button Size	16mm - Black or Silver
Screw Sizes	75x75: M3, 100x100: M4, 200x140: M4
VESA Mount Size	75x75mm, 100x100mm, 200x140mm