818V3 REFERENCE AUDIO CORE

Scan this QR code for direct access to the comprehensive User Guide for this product:

User Guide

Alternatively, the User Guide and other technical information is available from the Meridian website at this address:

meridian-audio.com/818v3

IMPORTANT INFORMATION

Important safety instructions

- Read the instructions.
- Keep these instructions.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Install only in accordance with the manufacturer's instructions.
- Refer all servicing to approved service personnel.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

This apparatus has been designed with Class 1 construction and must be connected to a mains socket outlet with a protective earthing connection (the third grounding pin).

This apparatus uses a single-pole power switch. As a result it is not isolated from AC mains power when switched off at the rear panel. This apparatus may be isolated from mains power either by unplugging the power connector from the rear of the unit, or by unplugging the connector at the opposing end of power cord or cable from its supply outlet. As a result, either or both of these connectors should remain accessible.

Safety warnings

- Do not expose the unit to dripping or splashing.
- Do not place any object filled with liquid, such as a
- vase, on the unit.
- Do not place naked flame sources, such as lighted candles, on the unit.

To avoid overheating

- Leave at least 10cm around the equipment to ensure sufficient ventilation.

Do not position the unit:

- In direct sunlight.
- Near heat sources, such as a radiator.
- Directly on top of heat producing equipment, such as a power amplifier.

To avoid interference

Do not position the unit:

- Near strong electrical or magnetic radiation, such as near a power amplifier.

Radio interference

FCC Warning: This equipment generates and can radiate radio frequency energy and if not installed and used correctly in accordance with our instructions may cause interference to radio communications or radio and television reception. It has been type-tested and complies with the limits set out in Subpart J, Part 15 of FCC rules for a Class B computing device. These limits are intended to provide reasonable protection against such interference in home installations.

EEC: This product has been designed and type-tested to comply with the limits set out in EN55013 andEN55020.

CE

Configuration

The Meridian 818v3 can be configured to allow it to be used in a variety of roles within various system combinations. There are three levels of configuration available. Further details of each follow below.

1. **Standard settings:** The product can be set via its front-panel to either of two standard settings, called "Types". These configure the 818v3 to be ready for use in some common applications. Sources are assigned to physical inputs on the 818v3 as shown in the table on the next page. To reassign sources to alternative inputs it is necessary to use the Meridian configuration program, MConfig.

2. **Set-up mode:** A series of set-up menus is available via the front-panel of the product. Some menus directly affect configuration, others control whether the user has access to various adjustable settings while using 818v3 by giving the option to "Show" or "Hide" each setting.

3. **MConfig:** The Meridian configuration program, "MConfig" allows the product to be configured to a customised set-up using a PC.

1. To select a standard setting

Type	Label	Description
1	Fixed	Fixed output, for use with Meridian Digital Active Loudspeakers
2	Variable	Variable output, for use with analogue active loudspeakers or power amplifiers and passive loudspeakers.

Warning: this procedure will reset any configuration changes made previously.

- Switch off any power amplifiers that are connected to the 818v3 and put any digital active loudspeakers into Standby mode.
- Put the 818v3 into Standby mode by pressing **Off** (front-panel or remote).
- Press and hold down the **Volume Up** key on the front-panel.
- The display shows a countdown in seconds:



- Keep holding down **Volume Up** until the countdown finishes.
- The display shows:



- Release the **Volume Up** key. After a short delay, the display shows the current Type.
- For example:



- Press **Volume Up** or **Volume Down** on the front-panel to change the Type number.
- The display shows:



- The display will then show the Type which has been selected.
- For example:



- Wait for one second, and then put the 818v3 into Standby mode by pressing Off (front-panel or remote).
- Switch on again to use the standard settings you have selected.

Source assignment

The following table shows how the 12 sources available within a Meridian system are mapped to the physical inputs on the 818v3. To reassign any of these inputs it is necessary to use the Meridian configuration program, MConfig.

Source label	Input on 818v3	Description
CD	D1	Digital co-ax connection on RCA phono socket
Radio	A1 + A2	Left + right pair of analogue line-level RCA phono sockets
SLS	Net	Internal networked audio endpoint connected to network via ethernet cable
TV	A3 + A4	Left + right pair of analogue line-level RCA phono sockets
Tape	B1 + B2	Left + right pair of analogue line-level RCA phono sockets
Sat	O1	Digital optical connection on Toslink socket
Disc	SL1	Digital audio and Meridian comms connections on SpeakerLink socket (RJ45)
Cable	A5 + A6	Left + right pair of analogue line-level RCA phono sockets
DVD	D2	Digital co-ax connection on RCA phono socket
USB	U1	Digital audio from a personal computer on USB Type-A socket
Game	O2	Digital optical connection on Toslink socket

2. To enter front-panel Set-up mode

- Put the 818v3 into Standby mode by pressing **Off** (front-panel or remote).
- Press and hold down the **Setup** key on the front-panel.
- The display shows a countdown in seconds:



- Keep holding down **Setup** until the countdown finishes.
- The display will show the first of the set-up menus.

For a full explanation of the parameters available in Set-up mode, refer to the 818v3 user-guide on our website.

To exit front-panel Set-up mode

- Put the 818v3 into Standby mode by pressing **Off** (front-panel or remote). Any changes that have been made to the set-up menus will be stored to non-volatile memory within the product.

3. MConfig

This program runs on a PC and allows settings to be transferred between the PC and the 818v3 via the RS232 socket on the product. A suitable RS232 cable is supplied with the product for this purpose, but a USB-to-serial adapter will also be required if using a USB connection from the PC. The program is the only method for re-assigning system sources to non-default inputs on the 818v3. The program itself and its user-guide can be found on our website.

Accessories supplied with this product

- MSR2 Meridian system remote
- Power cord
- RS232 cable – null-modem type
- Meridian 5C comms lead
- Meridian microfibre cloth
- Three plugs for use with trigger outputs