

This guide explains how to install the Meridian DSP520.2 loudspeaker into an RF500 wall box, available separately.

For further information please visit:

[meridian-audio.com/DSP5202](http://meridian-audio.com/DSP5202)

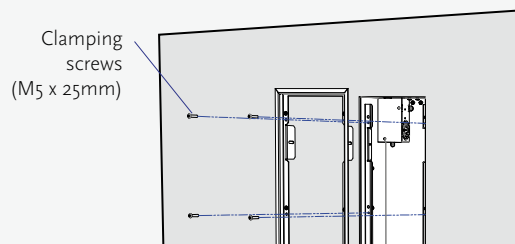
## 1. CONTENTS

Each DSP520.2 loudspeaker is supplied with the following components:

- Mounting frame.
- Mains cable.
- M5 x 25mm clamping screws – 8 pieces.
- M5 x 10mm lock screws – 6 pieces.
- M5 x 20mm guide-in screws – 8 pieces.
- Grille.
- Grab handle.
- M3 Allen key.
- Grille extractor tools – 2 pieces.

## 2. FIT THE MOUNTING FRAME TO THE WALL

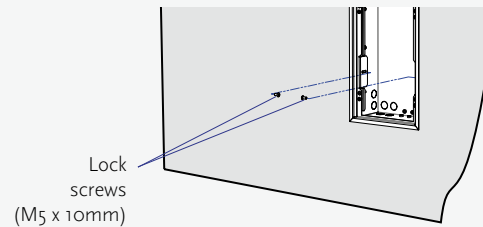
The mounting frame is located within the packaging underneath the loudspeaker. Remove the loudspeaker from the box to gain access to the frame.



Slide the mounting frame into the wall box.

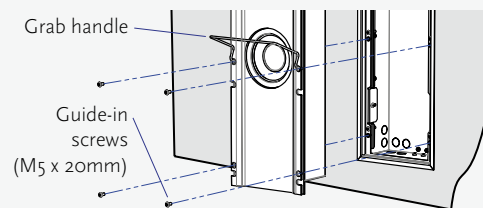
Clamp the frame to the wall with the eight M5 x 25mm button-head clamping screws. After tightening these screws for a few turns you will feel considerable resistance due to the shakeproof nylon inserts on the receiving nuts. Tighten just enough to clamp the frame to the wall. Do not overtighten as this may distort the frame.

## 3. LOCK THE FRAME INTO PLACE



Once the frame is flush against the wall, lock it into place with the six M5 x 10mm button-head lock screws, and lock tight.

## 4. FIT THE LOUDSPEAKER TO THE MOUNTING FRAME



To help install the loudspeaker, a grab handle is supplied in the foam packing piece at the bottom end of the packaging.

Using the grab handle as shown, sit the loudspeaker on the lower edge of the wall box.

Plug in the RJ45 cable(s), and connect the mains cable between the loudspeaker and the wall-box.

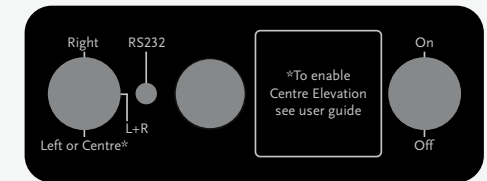
With the help of the grab handle, slide the loudspeaker into position, inserting the top of the loudspeaker into the wall box first.

Fix with the eight M5 x 20mm guide-in screws. To fit the last pair of screws remove the grab handle, which is no longer required.

## 5. FIT THE GRILLE TO THE LOUDSPEAKER

If the loudspeaker is not mounted behind a screen or other fabric covering, the grille can be fitted to the front of the loudspeaker.

## 6. CONTROLLING THE LOUDSPEAKER



The loudspeaker can be controlled in one of three ways.

- By another Meridian product within the system.
- Via its infra-red receiver, using a Meridian System Remote.
- Using RS232 commands.

## 7. CHANNEL SELECTOR SWITCH

Set the channel selector switch on each loudspeaker according to its role in the system:

If a single loudspeaker is used on its own, such as in a soundbar application, select **L+R** to play a balanced mix of left and right audio.

If the loudspeaker is to be used as a centre channel in a multichannel system select **Left or Centre**. If Centre Elevation is required refer to the *User Guide*.

If the loudspeaker is on the left of the system (two-channel or multichannel) select **Left or Centre**.

If the loudspeaker is on the right of the system (two-channel or multichannel) select **Right**.

## IMPORTANT SAFETY INSTRUCTIONS

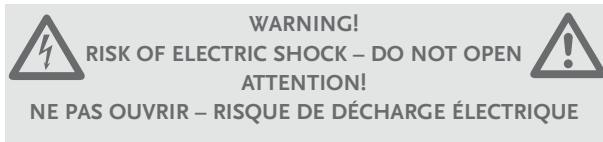
- Read the instructions.
- Keep these instructions.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Install only in accordance with the manufacturer's instructions.
- Refer all servicing to approved service personnel.

**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 front panel. The 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 the power cord or cable from its supply outlet. As a result, either or both of these connectors should remain accessible.

## SAFETY WARNINGS



**Caution:** to reduce the risk of electric shock, do not remove cover. No user serviceable parts inside. Refer servicing to qualified service personnel.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## IP20 EQUIPMENT

### CLIMATE

The equipment has been designed for use in moderate climates and in domestic situations.

Only use at an altitude not exceeding 2000m.



## 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

- Do not position the product in direct sunlight.
- Do not position the product near heat sources, such as a radiator.
- Leave at least 10cm around the product to ensure sufficient ventilation.

## 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 EN55032:2015 and EN55024:2010 + A1:2015.

## SPECIFICATIONS

### PHYSICAL

Dimensions: 800mm x 203mm x 102mm (H x W x D)

Weight: 10kg

### POWER

500W max

This product is available factory pre-set in the following voltage options:

- 100V AC 50-60Hz
- 110-120V AC 50-60Hz
- 220-240V AC 50-60Hz

Meridian Audio reserves the right to amend product specifications at any time.

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[www.meridian-audio.com](http://www.meridian-audio.com)



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# QUICK START GUIDE

# DSP520.2 IN-WALL DIGITAL ACTIVE LOUDSPEAKER