Conxeasy™

SWA401

Wall-Mount Loudspeakers,
Amplifier and In-Wall
Control System

steljes® Exclusive provider of
ConXeasy™ Audio Products

SWA401

Wall-Mount Loudspeakers, Amplifier and In-Wall Control System

CONTENTS

SAFETY INSTRUCTIONS

READ BEFORE OPERATING EQUIPMENT

Read all the instructions carefully before using the unit and keep them for future reference. Check that the voltage selector is switched to the correct position for your country.

SAFETY INSTRUCTIONS

- Do not use this product near water or moisture

- Do not place the unit on sloped or unstable surfaces as the unit may fall off or tip over.

- Clean only with a dry cloth. Unplug this product from the wall outlet

- Do not attempt to service this product yourself.

- Opening or removing covers may expose you to dangerous voltages or other hazards.

- Please contact the manufacturer to be referred to an authorized service center near you.

- Place the unit on a solid surface.

- Do not block any ventilation openings.

- To prevent risk of fire or electric shock, avoid over loading wall outlets,

- Do not put it in a closed bookcase or cabinet that may keep air from flowing through its ventilation openings.

- Do not let objects or liquids enter the product.

- Protect the power cord from being walked on or pinched, particularly at plugs and the point where they exit from the product.

ATTENTION
The owner's manual contains important operating and maintenance instructions, for your safety, it is necessary to refer to the manual.

DANGEROUS VOLTAGE
Voltage is of sufficient magnitude to constitute a risk of electric shock. Do not open this product unless you are a qualified service engineer.

IMPORTANT INFORMATION

UNPACKING:

- These speakers were carefully tested and inspected during production and before packaging and shipping. After unpacking please check for any damage. It is rare that a unit is damaged during shipping, but if this does happen contact your retailer immediately.

- We recommend that you keep the original carton and packing material for future shipping.
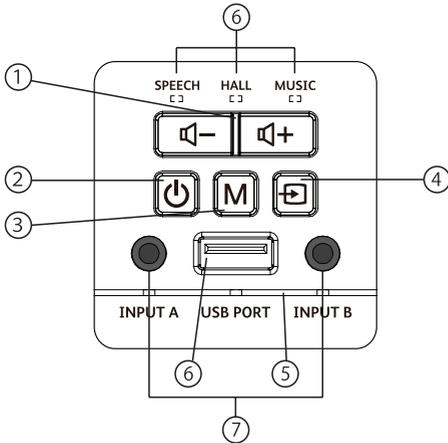
SPEAKER CONDITIONING AND BREAK-IN:

- Although a break-in period is not required, we recommend that you play between 24 to 48 hours of music through the speakers before doing any critical listening or speaker placement.
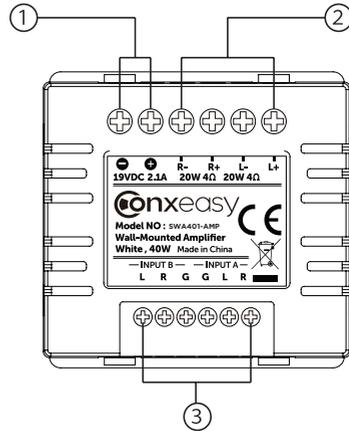
SPEAKER CLEANING:

- We don't recommend using any solvents or cleaners on cabinets or speaker Drive units. Just wipe down with a soft, dry cloth.

CONTROL PANEL AND REAR PANEL

FRONT PANEL CONTROLS

1. Volume
2. Power
3. Mode
4. Source
5. IR sensor area
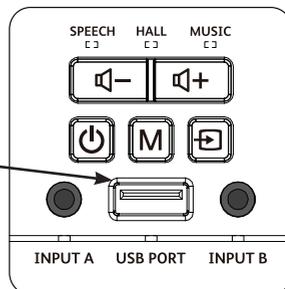6. USB Port (see following page)
7. Audio Input

REAR PANEL FEATURES

1. **DC Input:** This 19V DC, 2.1A input connects to the included power supply. Once connected, the power supply can plug into any AC power source.

2. **Speaker Output:** The speaker output section terminates with standard audio wire. This provides the amplified audio signal to the attached speakers. The SWA401 AMP is designed for a pair of 4-ohm speakers or a single stereo speaker rated at 4-ohms per channel.

3. **Audio Inputs A and B:** These inputs allow up to two line level sources to be permanently hardwired into the back panel. Selection for source playback is made through from the front panel A/B button or the wireless remote control. The inputs are automatically overridden when one of the front panel audio inputs is used.

USB PORT

The USB port has two functions. It may be used as a usb charging point for your mobile 'phone, tablet, etc. Just plug in the cable provided with your portable device and it will charge in the usual manner.
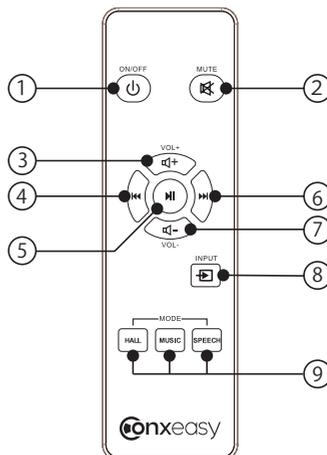
In addition to this, the usb port may be used as an audio input for a flash memory device and will play back MP3/WMA/WAV files, with full transport control from the remote control provided. Please note that audio playback from iOS devices is not supported.
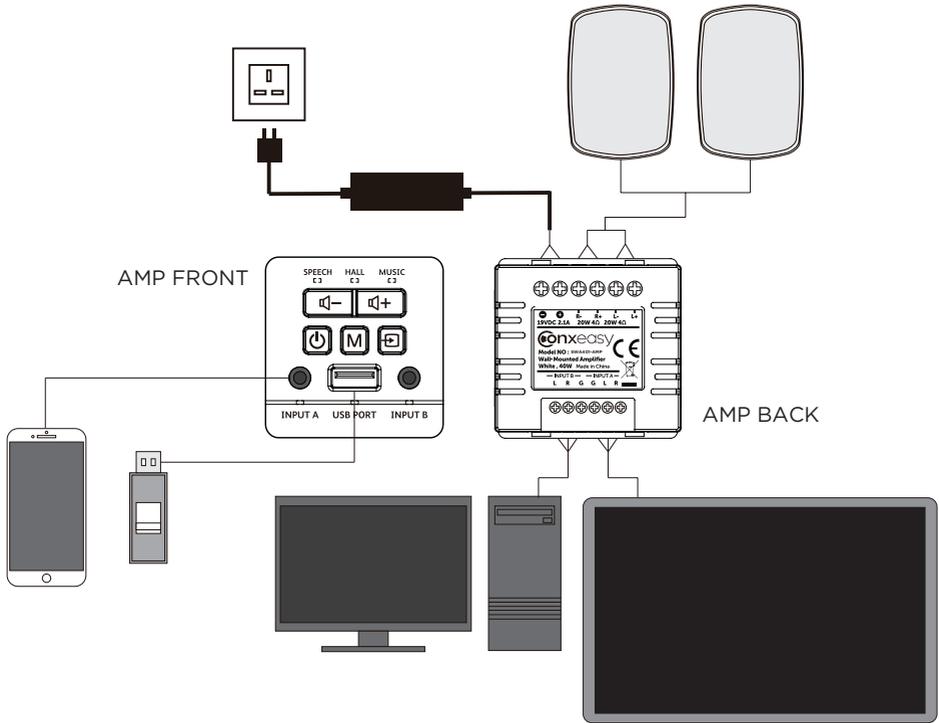
When using either of the standard 3.5mm stereo analogue inputs, the USB port will automatically switch to the charging function. To use it as an audio playback input, please ensure it is selected using the input button on the remote or the wall panel.

REMOTE CONTROL

1. Power
2. Mute
3. Volume Up
4. Previous track (USB port)
5. Play Pause
6. Next track
7. Volume down
8. Source
9. Mode

WIRING DIAGRAM

AMP FRONT

SPEECH   HALL   MUSIC

INPUT A   USB PORT   INPUT B

AMP BACK

Model NO : SWA401-AMP
Wall-Mounted Amplifier
White , 40W   Made in China

INSTALLATION

STEP 1: Choose the desired location of the SWA401-AMP. It is designed to fit into a standard 35mm deep UK back box. The SWA401-AMP dimensions are a standard 50 x 50mm UK size, and has a screwless trim plate kit included in the package. Make the appropriate cutout for the mounting back box.

The amplifier itself is compatible with standard 50 x 50mm wall plates.

STEP 2: Define the best location for the speakers that will be connected to the SWA401-AMP amplifier. These can be in wall, in ceiling, floor standing, or bookshelf speakers, but should not present less than an 4-ohm load to the amplifier. 16-gauge speaker wire, either two or four conductor, is recommended for this purpose. The wire should be routed to the cutout for the SWA401-AMP for termination into the back of the component, as shown in fig. 1.

STEP 3: Along with the speaker wire, route the power supply to the same cutout and terminate the positive and negative leads at the back of the SWA401-AMP, as shown in fig. 2.

STEP 4: Connect the optional back panel audio inputs. There are two hardwired audio inputs on the back of the SWA401-AMP. They are labeled Input A and Input B. Two individual audio sources can be wired to these inputs simultaneously. The actual source for playback is selected from the front Panel A/B button, or from the A/B button on the wireless remote control.

To make the termination, strip the left, right and ground leads on the input side of a stereo RCA or stereo mini, 3.5mm audio cable. Terminate those leads into the appropriate screw down terminals on the SWA401-AMP.

STEP 5: When the desired inputs on the SWA401-AMP are complete, screw the mounting plate into the installed back box

STEP 6: Snap the SWA401-AMP into the installed mounting plate and install the screwless trim plate over the entire assembly.

Any incoming signal wired to the back panel will be amplified to the attached speakers. When an audio source is plugged into one of the front panel 3.5mm inputs, it will automatically override the back panel inputs.
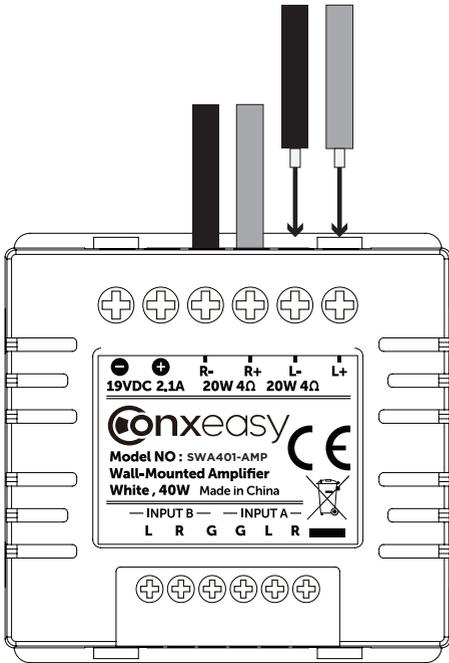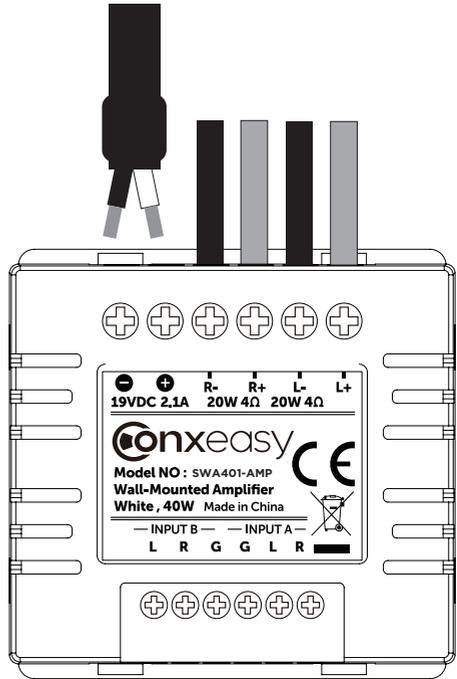
Fig. 1.

Fig. 2.

INSTALLATION

The SWA401 package includes a pair of 0n-wall speakers. These are easily mounted to any wall using the included brackets, as shown in fig. 3.
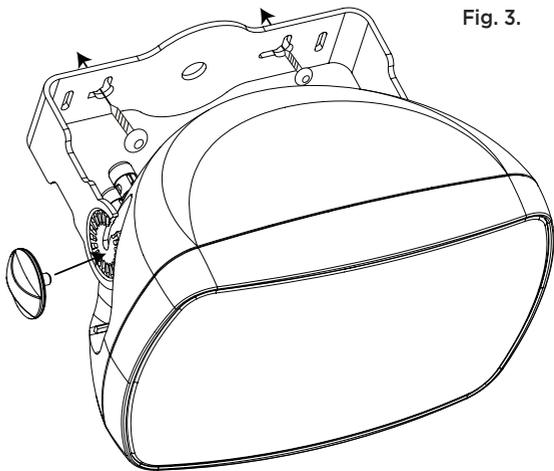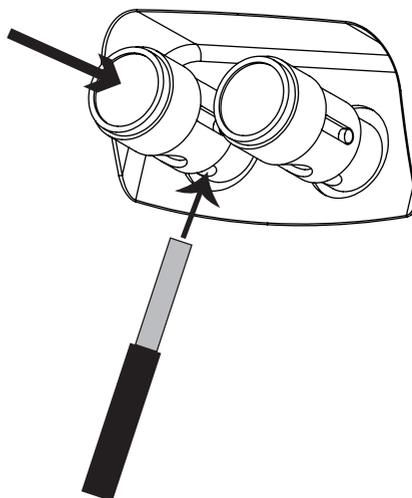
Fig. 3.

To properly terminate the speaker, strip about 5 to 6mm of insulation, exposing the inner copper wire. Press the desired speaker terminal and insert the stripped portion of the speaker wire, as shown in fig. 4.

Be careful to terminate the positive and negative conductors the same at the speakers as you did at the SWA401-AMP amplifier.

Fig. 4.

LIMITED WARRANTY

LIMITED WARRANTY

This product had been designed and manufactured to the highest quality standards; however, should you encounter any problems with this product please contact your local dealer or your country distributor.

This limited warranty is valid for the original owner for a period of one year from the date of purchase, it is not transferable.

What is covered by the limited warranty:

The limited warranty covers all production and material defects of the product, except for the specifics stated below.

What is not covered by the limited warranty:

Damage caused by packing and transport.

Defects caused by accidents, misuse, normal wear and tear, mis-maintenance, voltage variation and overloading.

Damage caused by incorrect installation or operation. Damage caused by modification or repair by a non-authorized service centre and use of non-original spare parts.

Other damage due to conditions beyond the supplier's control such as fire, rain, war and other force majeure events.

How to claim parts or repair under warranty:

To have your product serviced under warranty, you must contact the dealer from whom the product was purchased.

You will need to produce this warranty booklet completed and stamped by your dealer on the date of purchase.

Alternatively, you will need the original sales invoice or other proof of ownership and date of purchase.

The supplier is liable only to repair or replace defective parts of products and the supplier is not responsible for indirect losses or damage arising from the use of the product.

Transportation costs for servicing are not covered by the warranty.

A service repair or replacement cannot exceed the value of the product under warranty; in no event shall the supplier be responsible or liable for special, incidental, consequential or indirect damage.

CONXeasy™

SWA401 SPECIFICATIONS

AMPLIFIER

Power Amplifier Output
Continuous Average Output Power : 40W (20W x 2)

Both channels : 1KHz / 1%THD

Rated Distortion (1/2 power) : 0.40%

Rated Impedance : 4phm

Frequency Response (20-20kHz) : ±2 dB

Source Input
Front A & B : 3.5mm Stereo Jack

Input Impedance : 20K Ohms

Input Sensitivity for Rated Power : 300mV RMS

Front USB port : USB A type jack

USB decode : MP3/WMA/WAV

Back
Variable Input : Screw Terminal

Input Impedance : 20K Ohms

Input Sensitivity for Rated Power : 300mV RMS

Fixed Input : Screw Terminal

Input Impedance : 20K Ohms

Input Sensitivity for Rated Power : 300mV RMS

4 INCH SPEAKER

Electrical
Power : 10-40W

Impedance : 4 ohm

Physical Specifications
Unit Size : 240mm H x 160mm W x 150mm D
9.4" H x 6.3" W x 5.9" D

Power Requirements
Power Supply : 19V DC

Power Consumption at maximum available output : 40W

Power Consumption with music (typical) : 10W

Power Consumption no signal : 2.1W

Power Consumption standby : 0.5W

Mode
Hall / Music /Speech Mode

Physical Specifications
Unit Size : 50mm x 50mm x 29mm
1.97" x 1.97"x 1.14"300mV RMS

SWA401-AMP Approvals

CE-EMC

REMOTE CONTROL

Electrical
IR Frequency : 38.7 kHz

Batteries : AAA x 2

Physical Specifications
Unit Size : 140mm L x 42mm W x 18mm D
5.5" L x 1.65" W x 0.7" D

steljes®

Exclusive provider of
ConXeasy™ Audio Products