



User Manual

SPK1-AW560SP

On-Wall, 2-Way, Active Speaker Pair, 2x30W RMS

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Version: SPK1-AW560SP_2023V1.0

Preface

Read this user manual carefully before using this product. Pictures shown in this manual are for reference only, different model and specifications are subject to real product. This manual is for operation instruction only, not for any maintenance usage. The functions described in this version are updated by April 2023. In the constant effort to improve our product, we reserve the right to make functions or parameters changes without notice or obligation. Please refer to your distributor for the latest details.



Safety Precaution

To ensure the best from the product, please read all instructions carefully before using the device. Save this manual for further reference.

- Using supplies or parts not meeting the products' specifications may cause damage, deterioration or malfunction.
- Do not expose the unit to rain, moisture or install this product near water.
- Do not use liquid or aerosol cleaners to clean this unit.
- Refer all servicing to qualified service personnel.
- Prior to installing the speakers into any ceiling/wall, check the structure for weight bearing ability and avoid contact with any wiring or plumbing that might be behind the surface area. Installing on soft materials or in areas incapable of supporting the speakers weight may cause personal injury or damage to the speaker.
- Make sure the speaker is properly secured to the ceiling/wall. Please use the proper screws, bolts, or anchors. Failure to do so may cause the speaker to become unsecured and cause potential damages/injuries.
- Damage to the woofer and tweeter may occur if the speaker is dropped or hit and resulting in no sound or distorted sound.
- Never overdrive your speakers to the point of distortion and always reduce volume prior to switching input sources.
- Use only approved and certified wiring in your installation, do not stretch or place the wire in contact with sharp objects.
- Prior to removing cables ensure all power to your amplifier and other components is turned off.

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1. Product Introduction

Thanks for choosing the TiGHT AV SPK1-AW560SP, On-Wall, 2-Way, Active Speaker Pair. The speakers feature 5 ¼ inch polypropylene cone and a 1 inch titanium dome tweeter. The system consists of one active speaker with all controls and inputs together with one passive speaker. The active speaker pair has in addition to ON and OFF power modes an AUTO mode. Using the AUTO mode can help save energy and in the end the environment as it automatically enters standby mode when the speakers are not used. The SPK1-AW560SP is an affordable, reliable, energy saving and easy to use plug-and-play audio system for playing dynamic music and detailed voice reproduction. The active speaker pair is an ideal solution for classrooms, conference rooms or boardrooms etc.

1.1 Key Features

- Powerful 5 1/4" polypropylene cone with rubber edge woofer.
- 1" Titanium dome tweeter.
- Waveguide 90°x90°.
- 2 x 30W RMS; 2 x 60W continuous program.
- Inputs: Line level on unbalanced RCA, 3.5mm and balanced terminal block.
- Outputs: Loop line output and subwoofer output on 3.5mm.
- Controls: Volume, bass and treble.
- Power modes: ON/OFF/AUTO.
- Modern and stylish design.
- U-bracket, 3m power cord (UK and EU), 3m 3,5mm TRS to 2 RCA and 4m speaker cable included.
- Hole spacing for third party mounts (2 x M6, CC 73mm).

1.2 Package List

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact your distributor for a replacement.

- One (1) active speaker
- One (1) passive speaker
- Two (2) U-Brackets*
- One (1) 3m (9,84ft) Power cord (UK)*
- One (1) 3m (9,84ft) Power cord (EU)*
- One (1) 4m (13,12ft) Loudspeaker cable*
- One (1) 3m (9,84ft) 3.5mm TRS to 2 RCA cable*

**White color accessories for SPK1-AW560SP-WH, black color accessories SPK1-AW560SP-BL*

Note: Please contact your distributor immediately if any damage or defect in the components is found.

1.3 Customer Service

TiGHT AV provide limited warranty for the product within **two (2) years** counting from date of purchase (The purchase invoice shall prevail).

For more information see TiGHT AV general Warranty Statement at <https://tightav.com/warranty-statement> or just scan the QR-code below.



On-Wall, 2-Way, Active Speaker Pair, 2x30W RMS

2. Specifications

BUILT IN POWER AMPLIFIER:	2 x 30W RMS; 2 x 60W continuous program
FREQUENCY RANGE:	50Hz to 20kHz @ -10dB
FREQUENCY RESPONSE:	90Hz to 20kHz @ ±3dB
WOOFER:	5 1/4" polypropylene cone with rubber edge woofer
TWEETER	1" Titanium dome tweeter (Waveguide 90°x90°)
SENSITIVITY:	87dB SPL, 1W@1m for 1k Hz
MAX SPL:	Continuous: 102dB Peak: 105dB
POWER SOURCE:	100-240V AC 50/60Hz
CROSSOVER FREQUENCY:	2kHz
DIRECTIVITY FACTOR (Q):	4.0 averaged 1kHz to 10kHz @ 100 Degrees
DIRECTIVITY INDEX (DI):	6.0dB averaged 1kHz to 10kHz @ 100 Degrees
INPUT CONNECTORS: Summed when all is connected	Line level unbalanced stereo audio on a 3.5mm TRS connector Line level balanced stereo audio on a terminal block connector Line level unbalanced stereo audio on left and right RCA connectors
OUTPUT CONNECTORS:	Speaker (to connect to the external passive speaker) 3.5mm mini jack lineout for optional sub-woofer 3.5mm mini jack Loop output
DAMPING FACTOR:	>100 @ 8Ω/400Hz
S/N RATIO:	> 83dB
THD:	< 0.2%
CONTROLS:	Volume, bass and treble
INPUT POWER:	ON,OFF or AUTO
STANDBY MODE POWER CONSUMPTION:	0.3W
INPUTS SIGNAL FOR SYSTEM "WAKE- UP" FROM STANDBY MODE:	≥10mV
MATERIALS:	Aluminum grill, steel brackets, ABS cabinet
WEIGHT PER SINGLE SPEAKER:	TBD
WEIGHT WITH MOUNTING KIT:	TBD
SHIPPING WEIGHT (FOR PAIR):	7,2 kg
DIMENSIONS:	19.2cm x 18.5cm x 28.5cm (7.2" x 6.7" x 9.6") W, D, H
DIMENSIONS WITH MOUNTING BRACKETS:	19.2cm x 23.5cm x 28.8cm (7.2" x 6.7" x 9.6") W, D, H
HOLE SPACING THIRD PARTY MOUNTING BRACKETS:	cc73mm using M6 bolts
INSTALLATION CLEARANCE:	Front panel to wall (with mounting bracket): 24cm (9.5in) Back panel to wall (with mounting bracket): 4.5cm (1.8in)
INCLUDED ACCESSORIES:	1 pair of U-shaped rotating mounting brackets 3m (9.84ft) power cord; 4m (13.12ft) loudspeaker cable; and a 3m (9.84ft) 3.5mm to 2 RCA cable
OPTIONAL ACCESSORIES:	Third party mounting brackets, fits for example K&M 24141
COLORS:	Available in white or black
COMPLIANCE	CE
ENVIRONMENTAL COMPLIANCE	RoHS, WEEE

3. Defining the SPK1-AW560SP

- ① RCA Input, connect your unbalanced line level signal here.
- ② Terminal block input, connect your balanced line level signal.
- ③ 3.5 mm stereo jack input, connect your unbalanced line level signal. If all inputs is connected and have signal, they will be summed together.
- ④ 3.5mm mini jack lineout for optional sub-woofer.
- ⑤ 3.5mm mini jack lineout for looping to another speaker.
- ⑥ Terminal block, connection for your passive speaker. Make sure to connect + to + and - to -.
- ⑦ Treble control, for adjusting the high frequencies.
- ⑧ Bass control, for adjusting the low frequencies.
- ⑨ Volume control, for adjusting volume.
- ⑩ Power indicator led. When unit is ON the led is blue.
- ⑪ Power ON / AUTO / OFF, if input signal is below 10mV for 5 minutes the speaker will enter standby mode automatically. If input signal is or above 10mV speaker will power on again.
- ⑫ M6 screw holes for third party wall mounts. CC 73mm.
- ⑬ IEC C14 connector for power cord.

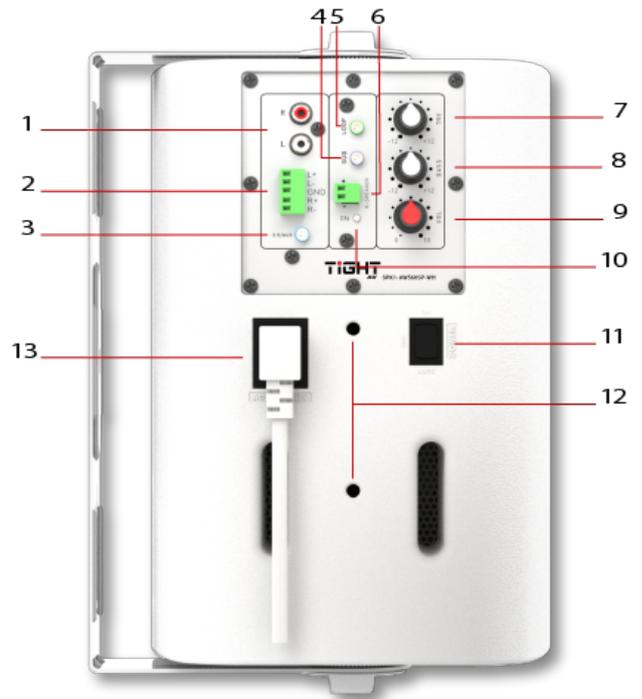


Figure 1

4. Installation

4.1 Wall mounts

- Verify the material of the wall and make sure you have the proper screws and if needed, wall anchors, to secure the speaker to the wall.
- Use one bracket to mark where to hang the speakers, make sure it is in level.
- Drill and use wall anchors if needed.
- Screw the appropriate screws and slide mount in place.
- Secure the screws.

4.2 Connecting speakers

- Connect speaker cable between active speaker (L) and passive speaker (R) using the terminal blocks, connect + to + and - to -.
- Connect sources to inputs RCA, 3.5mm and terminal block.
- Connect the power cord.
- Set volume to low before power on the speaker.
- Power on the speaker (On or Auto).
- Adjust volume, treble and bass on speaker.

5. Environment and recycle information



5.1 Disposal of electric and electronic devices EC Directive 2012/19/EU

This product is not to be treated as regular household waste but must be returned to a collection point for recycling electric and electronic devices. Further information is available from your municipality, your municipality's waste disposal services, or the retailer where you purchased your product.

5.2 Packaging recycling information

	SCATOLA CORRUGATED PAPER BOX	RACCOLTA CARTA MIXED PAPER AND CARD
	BUSTA PER ACCESSORI ACCESSORIES BAG	RACCOLTA PLASTICA PLASTICS
	SCHIUMA EPE PACKING FOAM	RACCOLTA PLASTICA PLASTICS

*Verifica le disposizioni del tuo comune
Check the regulations of your municipality*

Note: This manual is recycled as paper (mixed paper and card).

