



# **User Manual**

## **SPK1-C880T-WH**

**8" 2-Way Ceiling Speaker, 70/100V and 80hm, 80W RMS**

***All Rights Reserved***

***Version: SPK1-C880T\_2024V1.1***

## Statement

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 May 2024. 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.

## Table of Contents

1. Product Introduction .....	1
1.1. Features.....	1
1.2. Package List .....	1
1.3. Customer Service .....	1
2. Specifications .....	2
2.1. Technical Specifications.....	2
2.2. SPL Frequency chart .....	2
3. Defining the SPK1-C880T-WH.....	3
4. Installation .....	3
5. Environment and recycling information .....	4
5.1. Disposal of electric and electronic devices EC Directive 2012/19/EU.....	4
5.2. Packaging recycling information .....	4

## 1. Product Introduction

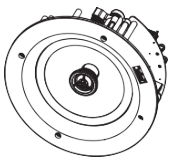
The TiGHT AV SPK1-C880T-WH comprises an 8-inch polypropylene cone and a 0.75-inch titanium pivot dome tweeter, making it a full-range coaxial ceiling speaker. It offers both 70V/100V and low impedance operation modes. Additionally, this ceiling speaker is equipped with user-friendly screw clamps "dog-legs" for easy installation, along with a white flat magnetic grille and pivot tweeter.

### 1.1. Features

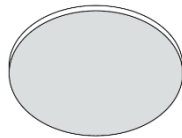
- 8 inch polypropylene cone driver with rubber edge
- 0.75 inch titanium pivot dome tweeter
- Supports both 70V/100V and low impedance operation
  - 70V: 1.3W-2.5W-5W-10W & 8Ω
  - 100V: 2.5W-5W-10W-15W & 8Ω
- Environment equalizer ( $\pm 3\text{dB}$ ) tailors the sound to the room and listener's taste.
- Pivoting tweeter, adjustable tweeter direction.
- Magnetic flat grille that comes in white color.
- Easy "snap and lock" connector.
- Separate loop out connections for convenient 70v/100v installations.

### 1.2. Package List

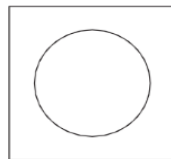
Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact your distributor for a replacement.



Speaker



Grille



Cutout Template



User Manual

### 1.3. Customer Service

We provide limited warranty for the product within **five** 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.



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

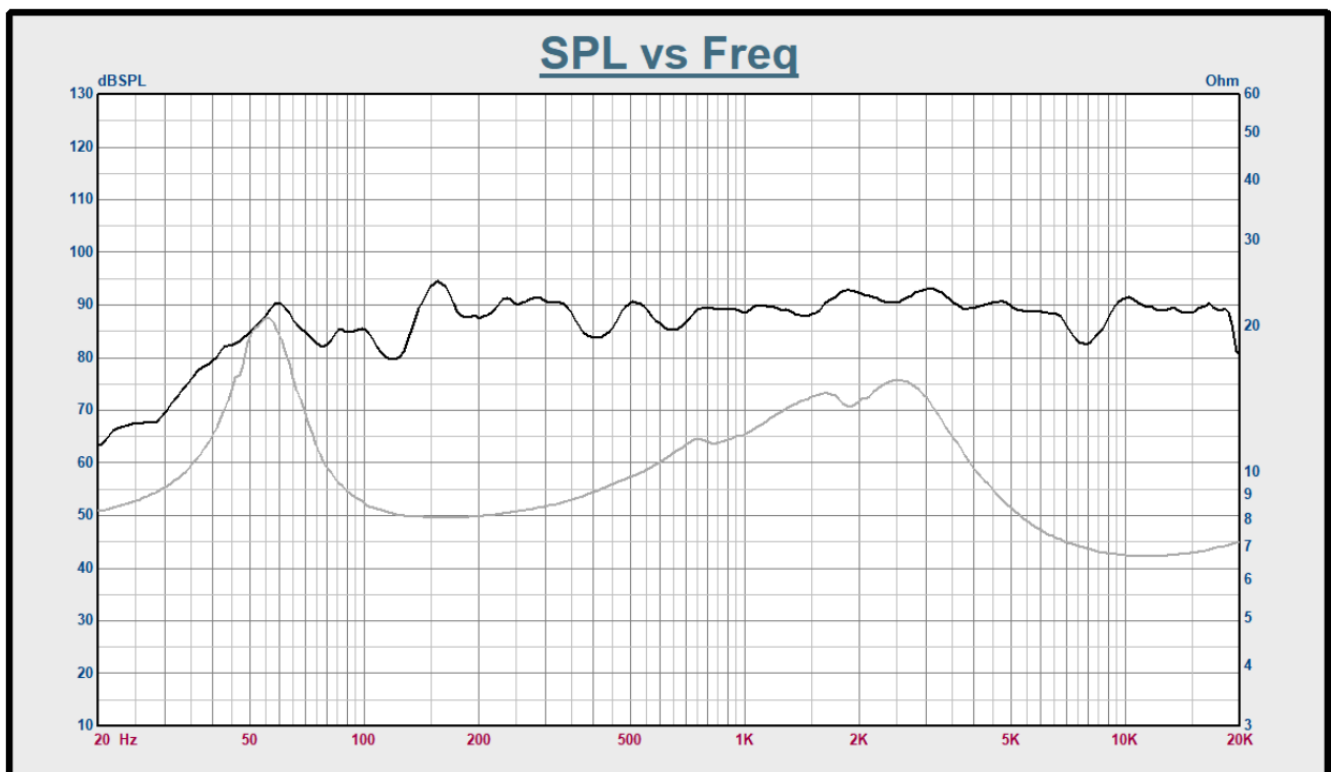
## 2. Specifications

### 2.1. Technical Specifications

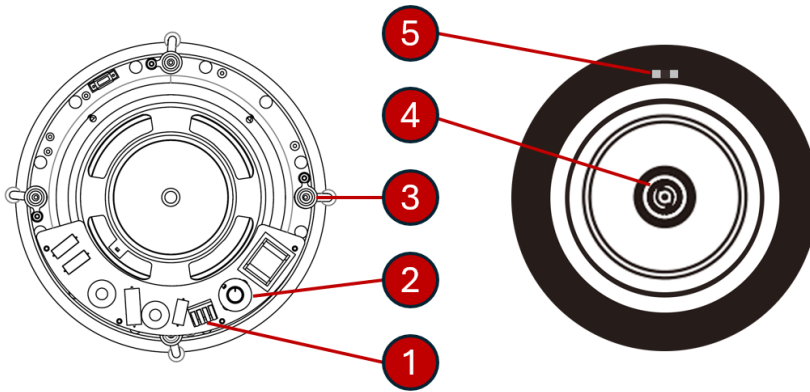
RMS Power	80W
Impedance	8 Ω (in low-impedance setting)
Sensitivity(1m/1W)	90dB
Max SPL (1m)	109dB (low-impedance)*
Frequency Range (-10dB)	50Hz-20kHz
Coverage	120°
Woofer Type	8" Polypropylene cone with rubber edge
Tweeter Type	0.75"(20mm) Titanium pivoting dome tweeter
Crossover Slope	12dB/Octave
Dimension	Φ283 x 111mm
Cutout Size	Φ258mm
Ceiling Thickness	Screw clamps can support up to 25mm ceiling thickness
Net Weight	2.25 kg
Shipping Weight	2.80 kg
Grille	Magnetic round grille. Color: White
Transformer	Knob Style 70V: 1.3W-2.5W-5W-10W & 8Ω, 100V: 2.5W-5W-10W-15W & 8Ω
Compliance	CE, FCC
Environmental Compliance	RoHS, REACH, WEE
Warranty	Limited 5 years warranty

\* Half-space (in ceiling)

### 2.2. SPL/Impedance Frequency chart



### 3. Defining the SPK1-C880T-WH



①. Speaker connector. Easy “snap and lock” connector.



1. LOOP +, 2. IN +, 3. IN -, 4. LOOP -

②. Speaker settings knob.



	C	1	2	3	4
100V	8Ω	15W	10W	5W	2.5W
70V	8Ω	10W	5W	2.5W	1.3W

③. Screw Clamps.

④. Environment equalizer (±3dB). Dip switch for increase high frequency by 3dB or decrease high frequency by 3dB.



⑤. Pivoting tweeter.

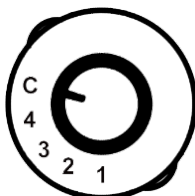
### 4. Installation

① Cut the speaker hole.

Use a stud finder to locate an area that is free of obstructions or studs. Position the cutout template where you are installing the speaker. Trace the template to mark out the speaker location with a pencil. Drill a pilot hole and cut all of the way around the circular outline with a cutting saw.

② Set the operation mode

Use the knob located on the backside of the speaker to select operation mode and tap settings for 70V/100V mode

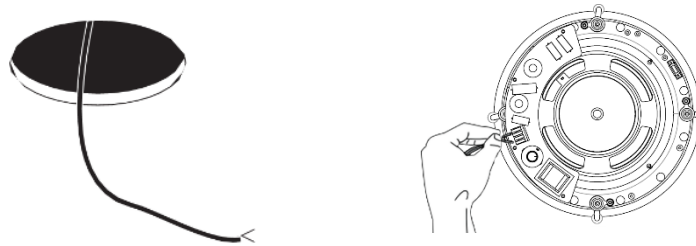


	C	1	2	3	4
100V	8Ω	15W	10W	5W	2.5W
70V	8Ω	10W	5W	2.5W	1.3W

**8" 2-Way Ceiling Speaker, 70/100V and 80hm, 80W RMS**

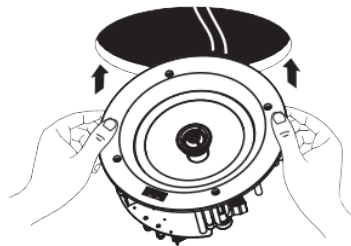
**③ Connect speaker cable**

Ensure that the amplifier is not connected or turned off before connecting speaker cables. Pull the speaker cable out of the hole which you have cut and connect it to the speaker. Connect speaker wire.



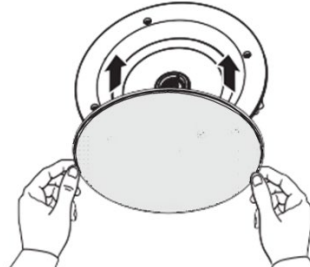
**④ Install the speaker**

Set the screw clamps “dog-legs” aside and place the speaker into the ceiling. Then use the screwdriver and gently tighten the four screws on the front of the speaker to secure the speaker. Do not apply to much force as this can break the screw clamps.



**⑤ Attach the magnetic grille**

As several magnets are on the speaker frame, attach the grille to the rim of the speaker directly. Ensure the grill is attached to the speaker securely to keep the grille from falling.



**Note:** Anytime you note distortion, reduce the volume. Never allow your amplifier to be driven into "clipping". Otherwise, the speakers may be damaged. Damage caused by operating the speakers at distorted volume levels is not covered by the warranty.

**5. Environment and recycling 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**

**8" 2-Way Ceiling Speaker, 70/100V and 80hm, 80W RMS**

 20 PAP	SCATOLA CORRUGATED PAPER BOX	RACCOLTA CARTA MIXED PAPER AND CARD
 21 PAP	CARTA SUPPORTO PER DEVICE	RACCOLTA CARTA MIXED PAPER AND CARD
 4 LDPE	BUSTA PER DEVICE DEVICE BAG	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).*

