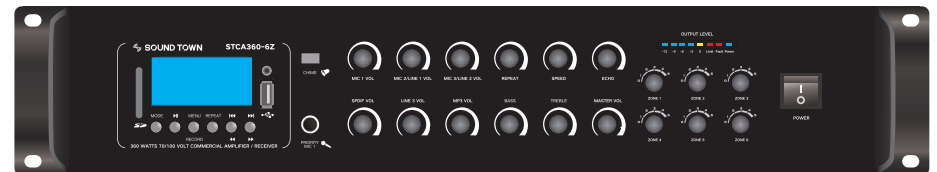


STCA180-6Z, STCA360-6Z
PUBLIC ADDRESS AMPLIFIER WITH BLUETOOTH & OPTICAL



IMPORTANT SAFETY INSTRUCTIONS

1. Read all safety and operating instructions before using this product.
2. All safety and operating instructions should be kept for future reference.
3. Read and understand all warnings listed on the operating instructions.
4. Follow all operating instructions to operate this product.
5. This product should not be used near water, i.e. Bath tub, sink, swimming pool, web basement etc.
6. Only use dry cloth to clean this product.
7. Do not block any ventilation openings, it should not be placed flat against a wall or placed in a built-in enclosure that will impede the flow of cooling air.
8. Do not install this product near any heat sources, such as, radiators, heat registers, stove or other apparatus (including heat producing amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The side blade or the third prong are provided for your safety if the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord being walked on or pinched particularly at Plugs, convenience receptacles and the point where they exit from the apparatus. Do not break the ground pin of the power supply cord.
11. Only use attachments specified by the manufacturer.
12. Use only the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used use caution when moving cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Care should be taken so that objects do not fall and liquids are not spilled into the unit through the ventilation ports or any other openings.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way; such as, power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally or has been dropped.
16. **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
17. When the MAINS plug, or an appliance coupler is used as the disconnect device, the disconnect device should remain readily operable.
18. Protective Ground Terminal: The apparatus shall be connected to an AC main socket with a protective earth ground connection.



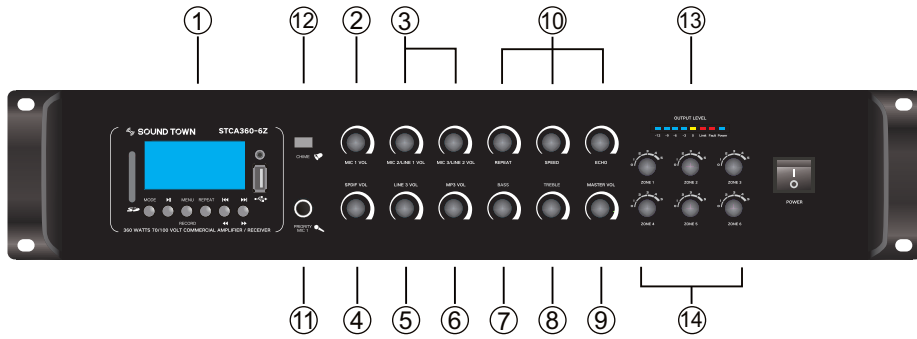
FEATURES

- 3 MIC Input (support 12V phantom power and 1 Priority MIC)
- 1 Optical Input (SPDIF) and 3 Line input (1 x RCA & 2 x 1/4")
- 1 RCA Line output
- BLUETOOTH, SD, USB, FM input with LCD display
- Treble / Bass control & effect (REPEAT, SPEED, ECHO)
- Over current, short circuit protection
- 70V / 100V output
- Low impedance 4~16 ohm output
- 6 zone outputs with individual volume control

IN THE PACKAGE

- 1 STCA amplifier
- 1 Power cable
- 1 Remote control
- 1 User Manual
- 1 Warranty Card

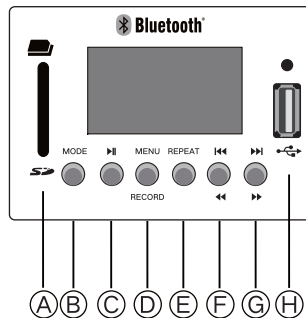
FRONT PANEL



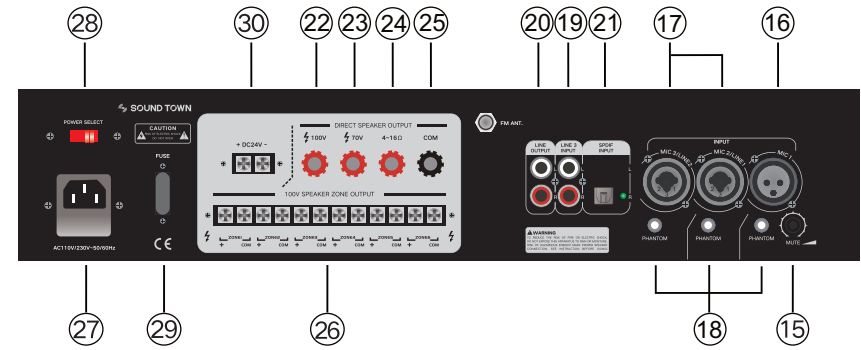
1. **MP3 PLAYER:** Bluetooth, SD card, USB, FM and recorder (with LCD display)
2. **Priority MIC or MIC1 LEVEL CONTROL:** Rotated knobs to adjust the level of the Priority MIC (1/4" connector on front) or the MIC1 (XLR connector on back). Note: Please do NOT have both input at the same time, only input either one of them!)
3. **MIC/ LINE LEVEL CONTROL:** 2 rotated knobs to adjust the level of 2 mic/ line (XLR-1/4" combo) input signals.
4. **SPDIF VOLUME:** A rotated knob to adjust the level of optical (SPDIF) input signal.
5. **LINE3 LEVEL CONTROL:** A rotated knob to adjust the level of LINE3 (RCA) input signal.
6. **MP3 LEVEL CONTROL:** A rotated knob to adjust the level of MP3 signal.
7. **BASS:** To increase or decrease the low frequency of the input signal.
8. **TREBLE:** To increase or decrease the high frequency of the input signal.
9. **MASTER VOLUME:** To adjust the overall volume level.
10. **EFFECT:** 3 Effect control to adjust the REPEAT/SPEED/ECHO depth.
11. **MIC1 SOCKET:** 1/4" microphone input (priority mic.)
12. **CHIME:** Push the button for a CHIME.
13. **INDICATOR:** The power LED illuminates when the amplifier is turned on; the fault LED illuminates when the amplifier load short-circuited or over heat; 6-segment LED indicates the master output level.
14. **6 ZONE KNOB:** To adjust 6 zone volume separately in 5 steps each.

MP3 PLAYER WITH BLUETOOTH AND RECORDER

- A. The SD card input.
- B. MODE: Press to switch the signal source USB/SD/BLUETOOTH
- C. PLAY/PAUSE.
- D. Short press to enter the menu; Press and hold to enter the recording state.
- E. REPEAT: Press to change cycle mode.
- F. PREV: Short press to jump to previous song; press and hold to enter rewinding state.
- G. NEXT: Short press to jump to next song; press and hold to enter forwarding state.
- H. USB input.



REAR PANEL



15. **PRIORITY MIC 1 (MUTE):** For signal other than PRIORITY MIC1 attenuation between 0dB to -30dB.
16. **MIC1 (PRIORITY MIC):** One XLR connector is provided for microphone input.
17. **MIC/ LINE INPUT:** 2 x 1/4" jack & XLR combo connector are provided for mic/ line signal input, please use 1/4" connector for line level signal input and XLR connector for microphone input.
18. **PHANTOM:** This amplifier support 12V phantom powered microphone, push the 'PHANTOM' button when there is phantom powered microphone input.
19. **LINE INPUT:** One RCA connector is provided for line level signal input.
20. **LINE OUT:** One RCA connector is provided for signal output (mixed output).
21. **SPDIF:** One SPDIF connector is provided for optical input.
22. **100V OUTPUT BINDING POST:** To provide 100V voltage output, for your speaker with 100V transformer, connect the positive ends to the '100V' red post and the negative ends to the 'COM' post.
23. **70V OUTPUT BINDING POST:** To provide 70V voltage output, for your speaker with 70V transformer, connect the positive ends to the '70V' red post and the negative ends to the 'COM' post.
24. **LOW IMPEDANCE OUTPUT BINDING POST:** For a 4~16 ohm low impedance speaker, connect the positive ends to the '4~16 ohm' red post and the negative ends to the 'COM' post.
25. **COM OUTPUT SOCKET:** This is the common post, for whichever 70V/100V/4~16ohm connection, need to connect the negative ends to the 'COM' post.
26. **6 ZONE OUTPUT BINDING POST:** To provide 100V voltage output dividing to 6 different zone.
27. **AC INPUT:** 110V~220V/50~60Hz
28. **VOLTAGE SELECTION:** This switch is supplied for moving the unit from 110 voltage (US standard) to 220 voltage (European Standard). The switch needs to be set on the proper voltage for your area.
29. **FUSE HOLDER:** Only replace the fuse when the device is disconnected from mains. Only replace the fuse with same power and rate.
30. **24V DC POWER:** Connect to an external 24V storage battery, when there is AC power connected, it will recharge the storage battery, when there is no AC power connected, the amplifier will take the power supply from the battery.

SPECIFICATIONS

MODEL		STCA180-6Z	STCA360-6Z
OUTPUT POWER		180W RMS	360W RMS
OUTPUT TYPE		70V/100V/4~16Ω	70V/100V/4~16Ω
MIC INPUT		3mV, 600Ω	3mV, 600Ω
LINE INPUT		200mV, 10kΩ	200mV, 10kΩ
FREQ. RANGE		50Hz~20kHz	50Hz~20kHz
DISTORTION		0.5% (1kHz)	0.5% (1kHz)
S/N RATIO	AUX	85 dB	85 dB
	MIC	116 dB	116 dB
VOLTAGE		AC110V~220V, DC 24V	AC110V~220V, DC 24V
FUSE		AC 7A, DC 20A	AC 10A, DC 30A
DIMENSION		19" x 15.3" x 3.5" (2U)	19" x 15.3" x 3.5" (2U)
PACKING SIZE		21" x 18.7" x 6.9"	21" x 18.7" x 6.9"
N.W.		22 Lbs	30 Lbs
G.W.		24 Lbs	32 Lbs

How can we help you?

CONTACT OUR US-BASED SUPPORT TEAM

Simple or complex, your questions are important to us. For service, support or more information, please contact the Sound Town support team:

Email: support@soundtown.com