

**CARVIN**  
*amps · audio*



**QX** SERIES

## INTRODUCTION

The QX Series is designed to stand alone as a full range sound reinforcement loudspeaker, full range stage monitor, or designed as a main with our SCx18A subwoofer for a three-way extended low end system. Designed for both permanent and portable applications, it comes with 3 fly points, rubber footpads, and a 1.5-inch pole mount cup. Choose between the QX15A active 1000w loudspeaker or the passive QX15. The QX Series is ideal for Club Systems, Houses of Worship, Auditoriums, Band PA and Satellite extension of an existing sound system.

### QX15A

The QX 15A is a 15-inch 2-way active multi-purpose enclosure designed as mains, stage monitors, or for DJ sound. The bi-amp 1000 watt active system delivers clear, high SPL output with internal limiting to protect the drivers for years of service. The rugged water resistant enclosure is designed to deliver crystal clear sound in small to medium size venues. The high power drivers feature large magnet structures for high efficiency, producing more output per watt. The enclosure is made of molded virgin polypropylene that won't chip or crack. The drivers are protected by a heavy gauge steel powder coated grill with cloth backing for superior protection and style.



QX15A

### QX15

The QX 15 is a 15-inch 2-way passive multi-purpose enclosure designed as mains, stage monitors, or for DJ sound. The rugged water resistant enclosure designed for crystal clear sound in small to medium size venues. The high power drivers feature large magnet structures for high efficiency, producing more output per watt. The enclosure is made of molded virgin polypropylene that won't chip or crack. The drivers are protected by a heavy gauge steel powder coated grill with cloth backing for superior protection and style.



QX15

## WARRANTY

This CARVIN AUDIO product is guaranteed in normal use to be free from electrical and mechanical defects for a period of one year (electronics) and three years (loudspeakers and speaker cabinet) from date of purchase. Retain proof of purchase. This warranty is in lieu of any and all other guarantees or warranties, expressed or implied. There shall be no recovery for any consequential or incidental damages.

### QX 15A SPECIFICATIONS

- » System Type : 15-inch 2-way, Active Bass Reflex
- » Frequency Response : 54Hz-18kHz (-10dB) 62Hz-16kHz (-3dB)
- » Power : 1000W Program
- » Coverage Pattern : Main 90x60 Monitor 60x90
- » Sensitivity (1w/1m) : 98dB
- » Maximum SPL : 130dB
- » Maximum Input Signal : +12dBu
- » LF : 15-Inch Woofer 4 Ohms
- » HF : 1.74-Inch 8 Ohms
- » Enclosure: Virgin polypropylene
- » Color: Black
- » Grill: Black powder coated 16-ga steel with cloth backing
- » Transport : 2 Recessed handles
- » Pole Mount : 1.5-inch pole mount cup with thumb screw
- » Suspension points : 3 points using M8-1.25 x 30mm
- » AC Mains Input : 100V-230V (50-60Hz)
- » Net Weight : 42lbs
- » Dimensions : 17.75"W x 15.5"D x 27.5"H



QX15A

### QX 15 SPECIFICATIONS

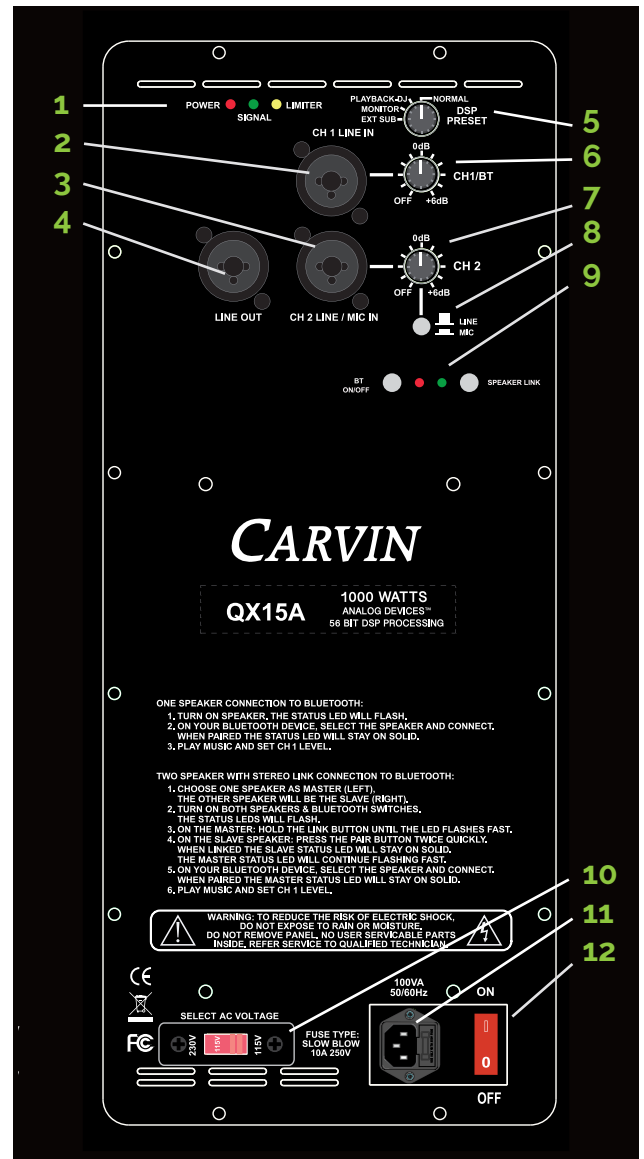
- » System Type : 15-inch 2-way, Passive Bass Reflex
- » Frequency Response : 54Hz-18kHz (-10dB) 62Hz-16kHz (-3dB)
- » Power : 450W Continuous / 900W Program
- » Coverage Pattern : Main 90x60 Monitor 60x90
- » Sensitivity (1w/1m) : 98dB
- » Maximum SPL : 130dB
- » LF : 15-Inch Woofer 8 Ohms
- » HF : 1.36-Inch 16 Ohms
- » INPUT/THRU: Two Combo Speakon™ 1/4-inch input jacks wired in parallel.
- » Enclosure: Virgin polypropylene
- » Color: Black
- » Grill: Black powder coated 16-ga steel with cloth backing
- » Transport : 2 Recessed handles
- » Pole Mount : 1.5-inch pole mount cup with thumb screw
- » Suspension points : 3 points using M8-1.25 x 30mm
- » Net Weight : 40lbs
- » Dimensions : 17.75"W x 15.5"D x 27.5"H



QX15

### QX15A Rear Panel Features

- » 1. System LED indicators. The red Power LED shows the user that the system is powered on. The green Signal LED indicates that an audio signal is present in the system. The yellow Limiter LED indicates that the DSP limiter is engaged and is protecting the amplifier and speakers from overload.
- » 2. CH1 LINE IN. This combo XLR jack is the audio input for CH1. The input will accept both XLR and 1/4-inch instrument cables.
- » 3. CH2 LINE IN/MIC IN. This combo XLR jack is the audio input for CH2. The input will accept both XLR and 1/4-inch instrument cables. Use this channel when connecting a microphone or instrument directly into the speaker. Refer to #8 to set the correct channel gain.
- » 4. LINE OUT. Use this output to send CH1 & CH2 audio signals to another main loudspeaker or subwoofer such as a second QX15A or SCx18A subwoofer.
- » 5. DSP PRESETS. Choose from four different DSP settings depending on the use of the loudspeaker. NORMAL mode is designed for live audio and gives the engineer an uncolored platform to create the perfect mix regardless of the genre. PLAYBACK/DJ is a contoured setting to accommodate recorded playback music. The MONITOR setting employs both a high pass filter and low pass filter to help eliminate unwanted feedback while still providing the necessary bandwidth when using the loudspeaker as a stage monitor. EXT SUB preset has the same frequency response as NORMAL but with an 80Hz high pass filter so the loudspeaker can be used with an external subwoofer such as the SCx18A.
- » 6. CH1 LEVEL/Bluetooth Level. Use this control to adjust the level of the incoming signal to the loudspeaker. The maximum input signal is +12dBu. If distortion is heard, lower the mixer output level and turn up the CH1 LEVEL. When using the Bluetooth feature, control the volume level using this control.
- » 7. CH2 LEVEL. Use this control to adjust the level of the incoming signal to the loudspeaker. The maximum input signal is +12dBu. If distortion is heard, lower the mixer output level and turn up the CH2 LEVEL.
- » 8. LINE/MIC. When button is pressed in, the gain of CHANNEL 2 increases to accommodate a low level signal from a microphone or instrument.
- » 9. Bluetooth ON/OFF: Choose between one speaker and two speaker (stereo) operation. **For one speaker:** 1. Turn on speaker, the status LED will flash. 2. On your Bluetooth device, select the speaker labeled **CDYA-069** and connect. 3. Play music and set CH 1 level. **For two speakers:** 1. Choose one speaker as MASTER (Left). Turn on both speakers and press in the Bluetooth ON/OFF switches. The status LEDs will flash. 2. On the master, hold the SPEAKER LINK button until the LED flashes fast. 3. On the slave speaker, press the SPEAKER LINK button twice quickly. When linked, the slave status LED will stay on solid. 4. On your Bluetooth device, select the speaker labeled **CDYA-069** and connect. When linked, the status LED will stay on solid. 5. Play music and set CH1 Level.
- » 10. AC Mains Voltage Selector allows the user to choose either 115/60Hz or 230/50Hz AC mains voltage.
- » 11. AC Mains plug and fuse holder.
- » 12. POWER ON/OFF. Turns ON/OFF the loudspeaker.



QX15A

### QX15 Rear Panel Features

- » 1. INPUT/OUTPUT: Two Combo Speakon™ 1/4-inch input jacks wired in parallel. Connect your power amp to the INPUT on the QX15 and use the OUTPUT to daisy chain a second QX15 loudspeaker.

