



Since 1968, QSC Live Sound has been serving the sound reinforcement needs of performers, audio professionals and entertainment venues. Whether it be our legendary amplifiers, industry-leading loudspeaker lines or cutting-edge digital mixers, QSC live sound solutions set up quickly, are easy to use, sound amazing, look professional, are reliable year after year, and deliver real and lasting value. We design our products and systems to help inspire great performances and deliver amazing experiences for audiences everywhere. That's our mission and our promise.

The following pages represent our latest products and technologies. Designed to give you a brief overview, this Guide should be considered a supplement to the Products and Solutions pages online at qsc.com. There, you will find a fully updated, comprehensive set of information, documentation, tools and images that work in tandem with this Guide. Additionally, our online education site, qsctraining.com is another great resource to learn more about QSC products and solutions.

Thank you for the opportunity to share our passion for audio with you.

Enjoy the Guide.

Table of Contents

Digital Mixers	
TouchMix [™] Series (New v2.0 Firmware Update)	4
Amplifiers	
PLD Series Processing Amplifiers	10
GXD Series Processing Amplifiers	12
PowerLight [™] 3 Series	14
PLX2 Series	16
GX Series	18
RMXa Series	20
Loudspeakers	
E Series Passive Loudspeakers	24
CP Series Compact Powered Loudspeakers	28
K.2 Series Active Loudspeakers	30
KS Series Active Subwoofers (New)	32
KW Series Active Loudspeakers	36
KLA Series Active Loudspeakers	40
Available Accessories	44
WideLine-8 Line Array System	46
WideLine-8 Subwoofers	48
WideLine-10 Line Array System	50
WideLine-10 Subwoofers	52
QR Code Index	56



TouchMix[™] Series

Compact Digital Mixers



The TouchMix™ Series stands as the perfect complement to any installation that might have live performance needs, going Beyond Mixing™ to deliver amazing results to users at all levels of experience. For live sound professionals, TouchMix has everything you would want and expect in an advanced, world- class mixing console — in a package small enough fit in constrained spaces. For more casual users TouchMix Presets, Wizards and Simple Modes help you get a professional mix quickly and easily.

"Big Mixer" Features and Specifications

TouchMix Series "no asterisk" specifications include 4-band, fully parametric EQ with variable hi- and lo-pass filters, as well as comprehensive dynamics processing on each input channel. Four mix busses feed four internal professional, digital effects processors (six busses and six processors on TouchMix-30 Pro). Comprehensive dynamics, graphic EQ, hi-pass, lo-pass and notch filters and delay are available on both the main and aux outputs and there are 8 DCA groups with mutes as well as 8 mute groups. The TouchMix-30 Pro additionally offers 8 Sub groups with their own extensive processing as well as a Patch Matrix for "multing" of inputs and a powerful copy-and-paste function. A gain sharing Automatic Microphone Mixer is available for all 24 Mic/Line input channels. With 4/10/14 Aux output channels (TM-8/16/30), TouchMix also has ample stage monitor mixing capability and all models have the ability to drive wired stereo in-ear monitors directly.





TouchMix-30 Pro

TouchMix-16

Fast, Professional Results

TouchMix features a comprehensive library of Channel Presets designed specifically for the unique requirements of live reinforcement for music and speech. Created utilizing all types of instruments, popular microphones and pickups as well as multiple types of loudspeaker systems, these presets help the user achieve great results quickly. Effects and Gain Wizards further assist the user in achieving great results quickly. All models feature powerful and intuitive Anti-Feedback and Room Tuning Wizards as well as two real-time analyzers (RTA).



Recording - With or Without a Computer

Direct to USB drive recording makes it easy to capture every performance to multi-track. The TouchMix-30 Pro can also operate as a 32x32 channel DAW interface for recording in both macOS® and Windows® environments.

New Features with latest Firmware Updates

With firmware version 3.0 both TouchMix-8 and TouchMix-16 benefit from 22 additional features found on the TouchMix-30 Pro. These include; 6-band PEQ on all outputs, Tablet Follows Mixer mode, Real Time Analyzer (RTA), direct access to Aux mixes, Copy/Paste function, MP3 file player, Anti-Feedback and Room Tuning Wizards and many more.

TouchMix-30 Pro firmware version 2.0 now supports 3 custom fader banks of 8 channels each, allowing versatile, personalized channel display for the most demanding users and applications. It also allows the TouchMix-30 Pro to interface with select third party control surfaces with motorized faders with two modes of operation: the mixer wired to the control surface, or iOS tablet paired with the control surface and connected to the mixer via Wi-Fi. The complementary new channel strips display presents controls and indicators for the selected fader group.

TouchMix[™] Series Compact Digital Mixers

TouchMix-30 Pro

	254 mm (10 in) diagonal, 1024 x 600 pixel, color TFT,
Display	capacitive multi-touch sensing
Inputs Total Inputs Mic/Line Line Stereo USB EQ Dynamics Delay Automatic Microphone Mixer ^a	32 (24 mic/line, 6 line, 2 stereo USB) 24 (20 XLR, 4 XLR combo) 6 (balanced, 1/4 in TRS and top panel 3.5 mm (1/8 in) stereo) Stereo USB / MP3 playback 4-band Parametric EQ with Hi/Low Shelving option, variable 24 db / octave HPF and LPF Gate, Compressor Delay (100 msec max) Gain sharing, 24 channels, two instances
Outputs Total Outputs Main L/R Aux	16 2 (XLR line-level) 14 (XLR, line-level)
EQ	1/3 octave GEQ, 6-band Parametric EQ, Variable HPF and LPF
Anti-Feedback Filters Dynamics Delay Multi-Track DAW	12-band Anti-Feedback Filters Compressor / Limiter 100 msec 32 x 32 tracks direct to hard drive 32 x 32 tracks (Core Audio interface to Mac OS)
Effects	6 simultaneous, professional effects engines including Reverb, Echo, Delay, Chorus, Pitch Shift
Real Time Analyzer	2 (1/3 octave, assignable to channels or user selectable source)
External Control	TouchMix-30 Pro Control App¹ for iOS®/Android™ (via Wi-Fi). Third party control surfaces (via mixer or iOS® tablet)²
Included Accessories	Power cable

¹ The TouchMix Control App requires iOS 8 or higher.

² Requires TouchMix firmware v2.0 or higher

³ Requires TouchMix firmware v1.3 of higher

Specifications

TouchMix-16	TouchMix-8
178 mm (7 in) diagonal color TFT, capacitive touch sensing	178 mm (7 in) diagonal color TFT, capacitive touch sensing
22 16 (12 XLR, 4 XLR combo) 2 Stereo (1/4 in TRS) Stereo USB / MP3 playback 4-band Parametric EQ with Hi/Low Shelving option, variable 24 db / octave HPF and LPF Gate, Compressor Delay (100 msec max)	14 8 (4 XLR, 4 XLR combo) 2 Stereo (1/4 in TRS) Stereo USB / MP3 playback 4-band Parametric EQ with Hi/Low Shelving option, variable 24 db / octave HPF and LPF Gate, Compressor Delay (100 msec max)
12 2 (XLR line-level) + 2 (TRS, stereo In Ear Monitor or mono balanced line-level) 1/3 octave GEO, 6-band Parametric EO, Variable 8-band Anti-Feedback Filters 8-band Anti-Feedback Filters Limiter 100 msec 22 x 22 tracks direct to hard drive N/A	6 2 (XLR line-level) 4 (XLR, line-level) 1/3 octave GEQ, 6-band Parametric EQ, Variable 8-band Anti-Feedback Filters 8-band Anti-Feedback Filters Limiter 100 msec 14 x 14 tracks direct to hard drive N/A
4 simultaneous, professional effects engines including Reverb, Echo, Delay, Chorus, Pitch Shift	4 simultaneous, professional effects engines including Reverb, Echo, Delay, Chorus, Pitch Shift
1 (1/3 octave. Assignable to channels or user selectable source)	1 (1/3 octave. Assignable to channels or user selectable source)
TouchMix-8/16 Control App 1 for iOS $^\oplus$ and Android controls all mixer functions via Wi-Fi	TouchMix-8/16 Control App¹ for iOS® and Android controls all mixer functions via Wi-Fi
USB Wi-Fi adapter, soft carrying case,	USB Wi-Fi adapter, soft carrying case,

¹ The TouchMix Control App requires iOS 8 or higher.

power supply

power supply





PLD Series – Processing Amplifiers

Developed specifically for the needs of portable sound systems, PLD Series amplifiers provide efficient, robust and high fidelity power capable of driving multiple channels and loudspeaker configurations. The PLD line includes three powerful, light-weight, four-channel amplifiers (PLD4.2, PLD4.3 and PLD4.5) with advanced onboard DSP. Flexible Amplifier Summing Technology™ (FAST) actively distributes total amplifier power across one, two, three or all four outputs enabling amp channels to be paralleled or bridged for maximum current and voltage output.

- Capable of up to 5,000 W continuous and 8,000 W peak.
- Flexible Amplifier Summing Technology[™] (FAST) permits total amplifier power to be distributed across one, two, three or all four channels
- Onboard full function loudspeaker processing including Crossover, EQ, Limiting and Alignment Delay eliminate the need for outboard loudspeaker processors
- Intrinsic Correction[™] ensures optimum sonic performance of QSC loudspeakers
- Preset Wizard simplifies setup providing system design tools and loudspeaker selection
- Factory Presets can be used as is or modified and stored as one of 50 User Presets
- · Four XLR input connectors and six NL4 Output connectors.
- PowerLight universal switchmode power supply with Power Factor Correction for highest efficiency, improved audio performance, and low weight
- Rear USB port for connecting to Amplifier Navigator software running on a PC or Mac for control, monitoring, and amplifier management. Amp Navigator also provides on- and off-line editing of Presets and Speaker Profiles along with library management



		PLD4.2	PLD4.3	PLD4.5
		Peak	Peak	Peak
4 Independent Channels	8Ω	500 W	900 W	1200 W
A, B, C, D	4Ω	700 W	1400 W	2000 W
	2Ω	625 W	1200 W	1600 W
2 Channels BTL Bridged	8Ω	1200 W	2400 W	4000 W
A+B or C+D	4Ω	1500 W	NR*	NR*
Doubles Voltage	2Ω	NR*	NR*	NR*
2 Channels Parallel	8Ω	500 W	1300 W	1250 W
AB or CD	4Ω	950 W	2000 W	2400 W
Doubles Current	2Ω	1200 W	2500 W	4000 W
1 Channel 3CH Parallel	8Ω	500 W	1400 W	1400 W
ABC	4Ω	950 W	2400 W	2500 W
Triples Current	2Ω	1800 W	3500 W	4500 W
Channel Bridged/Parallel	8Ω	1600 W	3500 W	4500 W
AB+CD	4Ω	2500 W	5000 W	7500 W
Doubles Current and Voltage	2Ω	NR*	NR*	NR*
1 Channel 4CH Parallel	8Ω	500 W	1400 W	1600 W
ABCD	4Ω	1000 W	3000 W	3000 W
Quadruples Current	2Ω	1700 W	5000 W	5300 W

NR* = Not Recommended due to excessive current draw BOLD = Optimal configuration for the load and channel count



As part of QSC's ongoing commitment to product development, specifications are subject to change without notice.

GXD Series – Processing Amplifiers



The GXD Series defines the new amp standard for professional entertainers who require lightweight amplifiers with unmatched performance and flexibility at an affordable price point. This high performance line consists of two amplifiers, the GXD4 and GXD8, each providing enormous Class-D power in a lightweight and efficient package. The universal switchmode power supply helps reduce the weight, increase efficiency, and ensures rock-solid continued operation even with poor power conditions. The addition of on-board DSP processing with an easy-to-use interface offers powerful tools like Crossover and EQ filters, Delay, and Power Limiting that allow the user to configure the amplifier and maximize the performance of their loudspeakers. The GXD Series amplifiers are engineered to meet any demanding application and provide excellent power and legendary QSC reliability, in an efficient, lightweight, and flexible package; bottom line, the GXD amplifiers provide outstanding value!

- Total power of 4500 W and 1600 W means real power for your application
- Extensive and powerful loudspeaker processing to maximize loudspeaker performance including Crossover and Parametric EQ filters, Delay, and Power Limiting
- Power levels matched to the most popular loudspeakers and optimized for the maximum real-world headroom into 4 Ω and 8 Ω loudspeakers
- Class-D output power with a universal switchmode power supply for high performance and efficiency, as well as light weight



GXD4 Rear



GXD8 Rear

Watts per channel			
Model	8Ω Power/Channel	4Ω Power/Channel	Max Total Peak Power
GXD4	400	600	1600
GXD8	800	1200	4500

Both channels driven. 1 kHz, onset of clipping As part of QSC's ongoing commitment to product development,

As part of QSC's ongoing commitment to product development specifications are subject to change without notice.



- Parallel XLR and 6.3 mm (1/4 in) TRS input connectors for compatibility with any source while providing convenient loop-thru capability
- Professional NL4 and Binding Post output connectors provide mono and bi-amp speaker connectivity
- Front panel LEDs monitor, Power, Signal and Clipping
- Large LCD display with dual rotary encoders for fast and simple set-up and on-screen monitoring of the output levels

PowerLight[™] 3 Series

PowerLight 3 Series is comprised of our "Ultimate Analog" power house amplifier, designed for the most demanding concert and live-sound reinforcement applications. The PL380 features the ground breaking PowerLight™ power supply technology, dramatically reducing weight, eliminating AC mains hum and improving audio quality. Comprehensive remote control and monitoring can also be achieved via the Q-SYS networked platform.

- Class D topology provides efficient performance at extreme power loads
- PowerLight switch-mode power supply for highest efficiency and improved audio performance
- Three-position Input Sensitivity switch ensures gain-matching with existing amp racks and power systems
- User defeatable clip limiters and selectable low-frequency filters (30 Hz, 50 Hz, Bypass)
- DataPort connection supports external amplifier control and monitoring via Q-SYS
- XLR and Block Input connectors and Binding post or Neutrik speakON® Output connectors
- Comprehensive internal protection protects amplifiers and loudspeakers against over-current, over-temperature and clipping – without compromising program signal





PL380

Watts per channel

Model	8 Ω*	4 Ω*	2 Ω**
PL380	1500	2500	4000

^{*} EIA 1 kHz, 1% THD



^{**} Burst mode testing required due to AC service current limitations

PLX2 Series



PLX2 is a powerful, lightweight amplifier line designed to meet the rigorous demands of live musicians and mobile entertainers. All four models can drive loads down to 2 Ω and include subwoofer or satellite crossover settings. The third generation of PowerLight[™] technology, PLX2 amplifiers deliver superb audio quality with powerful low-frequency performance and feature a professional appearance with a die-cast aluminum front panel acting as an integral heat sink, to create an extremely rugged, road-worthy device.

- Active Inrush Limiting prevents AC mains circuit breakers from popping during turn-on
- Front panel gain controls (1 dB detents) allow precise input sensitivity adjustment
- Front panel LED status indicators enable system monitoring and troubleshooting
- Balanced XLR and 6.3 mm (1/4 in) TRS parallel inputs accommodate the most commonly used input connectors for live sound and support loop-through routing
- speakON® NL4 output connectors provide a positive-locking speaker connection. Channel 1's output can use all four wires to connect to bi-amplified speakers with a single cable
- Selectable low-frequency filter (33 Hz) protects speakers and increases headroom



PLX2 "02" Models

Watts per channel

		Stereo		Bridged
Model	8 Ω*	4 Ω*	2 Ω**	4 Ω**
PLX1802	330	575	900	1800
PLX2502	450	750	1250	2500
PLX3102	600	1000	1550	3100
PLX3602	775	1250	1800	3600

^{* 1} kHz, 0.1% THD, both channels driven



^{** 1} kHz, 1% THD, both channels driven

GX Series

GX Series amplifiers offer maximum performance, portability and reliability and a cost effective price. Ideally suited for use by entertainers, musicians and DJs, the GX line features three models; the GX3 (300 W), the GX5 (500 W) and the GX7 (700 W) each uniquely designed to supply optimal power to the sound reinforcement loudspeakers most often used by entertainment professionals. A built-in crossover facilitates the use of subwoofers while front panel gain controls allow easy access for balancing the sub with the full-range cabinet. GuardRail™ optimizes peak power and protects the system during the most demanding applications.

- Power levels matched to the most popular speakers used by entertainers
- Optimized for maximum real-world headroom into 4 Ω and 8 Ω speaker systems
- XLR, 6.3 mm (1/4 in) TRS and phono input connectors
- speakON® combo and Binding post output connectors
- Detented gain controls for precise setting and matching of sensitivity
- Lightweight GX3 and GX5 less than 12.5 kg (26 lb); GX7 only 7 kg (15.5 lb)





GX5

Watts per channel

Model	8 Ω	4 Ω
GX3	300	425
GX5	500	700
GX7	725	1000

Both channels driven. 1 kHz, onset of clipping



RMXa Series





RMXa 3RU Models

RMXa Series amps are built upon the proven RMX amplifier line combining legendary QSC reliability and audio performance in a cost effective power amplifier solution. For mid-power applications, the 2RU (RMX 850a, RMX 1450a, RMX 2450a) models feature 4 Ω power ratings from 300 to 800 watts per channel. For premium loudspeaker systems with extremely high power capacity, the 3RU (RMX 4050a & RMX 5050a) models offer unsurpassed value and performance.

- Independent, defeatable clip limiters reduce distortion and protect speakers
- Selectable low-frequency filters (30 or 50 Hz) protect speakers and increase headroom
- Flexible output loading options that allow you to drive low impedance loads down to 2 Ω
- Five models to choose from with power ranges from 300 to 2000 watts per channel at 4 Ω



Watts per channel

	Ste	ereo		Bridged
Model	8Ω	4 Ω	2 Ω*	4 Ω
RMX 850a	200	300	430	830
RMX 1450a	300	500	700	1400
RMX 2450a	500	800	1200	2400
RMX 4050a	850	1400	2000	4000
RMX 5050a	1100	2000	2500	5000

1 kHz, 0.5% THD *1 kHz, 1% THD



- Front panel gain controls for fast and accurate level settings
- Recessed rear DIP switches for easy selection between stereo, parallel, or bridged mode operation, and the additional choice of enabling/disabling low frequency filter protection
- Balanced XLR, TRS or Barrier Strip parallel inputs with loop-through capability and NL4 or Binding Post output connectors





E Series Passive Loudspeakers



The E Series range of passive loudspeakers offers robust construction, trusted reliability and overall sonic performance beyond expectations. Intended for sound reinforcement in entertainment applications including live performance, DJ and dance music, karaoke and event production, E Series loudspeakers deliver outstanding results and incredible value

E Series consists of six models constructed of rugged plywood and coated in black, textured paint. Heavy-duty grilles lined with foam provide protection for the woofers and an elegant appearance.

- Loudspeaker tunings in GXD and PLD Series amplifiers as well as TouchMix Series digital mixers further enhance E Series performance and flexibility
- E110 multi-purpose design suitable for main PA and stage monitor
- Available U-Style Yoke as well as M8 eyebolt kit for the E110 and M10 eyebolt kits for the E112, E115 and E215 for permanent installations applications.
- Dual-angle pole socket (E110, E112, E115)
- E118sw Subwoofer includes speaker pole

	E110	E112
Frequency Range (-10 dB)	50 Hz – 20 kHz	46 Hz ¹ – 20 kHz
Rated Power (Continuous / Peak)	300 W / 1200 W	400 W / 1600 W
System Sensitivity	95 dB, 1 W @ 1 m	96 dB, 1 W @ 1 m
Nominal Coverage	85° conical	85° conical
Output 2 (Peak SPL @ 1 m)	126 dB	128 dB
Driver Information LF	254 mm (10 in) driver with 64 mm (2.5 in) voice coil	305 mm (12 in) driver with 76 mm (3 in) voice coil
HF	25 mm (1 in) exit, 45 mm (1.75 in) voice coil, compression driver	25 mm (1 in) exit, 45 mm (1.75 in) voice coil, compression driver
Rated Impedance	8 Ω	8Ω
Input Connectors	2 x NL4, 1 x barrier strip	
Enclosure	11-ply, black texture paint f powder-coated steel grille w	
Net Weight	20 kg / 44 lb	23 kg / 51 lb
Accessories	Cover, Yoke, M8 Eyebolt Kit-A	Cover, Yoke, M10 Eyebolt Kit-W
	E115	E215
Frequency Range (-10 dB)	E115 43 Hz – 20 kHz	E215 39 Hz – 20 kHz
Frequency Range (-10 dB) Rated Power (Continuous / Peak)		
. , . ,	43 Hz – 20 kHz	39 Hz – 20 kHz
Rated Power (Continuous / Peak)	43 Hz – 20 kHz 500 W / 2000 W	39 Hz – 20 kHz 1000 W / 4000 W
Rated Power (Continuous / Peak) System Sensitivity	43 Hz – 20 kHz 500 W / 2000 W 97 dB, 1 W @ 1 m	39 Hz – 20 kHz 1000 W / 4000 W 98 dB, 1 W @ 1 m
Rated Power (Continuous / Peak) System Sensitivity Nominal Coverage Output ² (Peak SPL @ 1 m) Driver Information LF	43 Hz – 20 kHz 500 W / 2000 W 97 dB, 1 W @ 1 m 75° conical	39 Hz – 20 kHz 1000 W / 4000 W 98 dB, 1 W @ 1 m 75° conical
Rated Power (Continuous / Peak) System Sensitivity Nominal Coverage Output ² (Peak SPL @ 1 m) Driver Information	43 Hz – 20 kHz 500 W / 2000 W 97 dB, 1 W @ 1 m 75° conical 130 dB 381 mm (15 in) driver with 89 mm (3.5 in)	39 Hz – 20 kHz 1000 W / 4000 W 98 dB, 1 W @ 1 m 75° conical 134 dB Dual 381 mm (15 in) drivers with 89 mm (3.5 in)
Rated Power (Continuous / Peak) System Sensitivity Nominal Coverage Output ² (Peak SPL @ 1 m) Driver Information LF	43 Hz – 20 kHz 500 W / 2000 W 97 dB, 1 W @ 1 m 75° conical 130 dB 381 mm (15 in) driver with 89 mm (3.5 in) voice coil 38 mm (1.5 in) exit, 71 mm (2.8 in) voice coil,	39 Hz – 20 kHz 1000 W / 4000 W 98 dB, 1 W @ 1 m 75° conical 134 dB Dual 381 mm (15 in) drivers with 89 mm (3.5 in) voice coil 38 mm (1.5 in) exit, 71 mm (2.8 in) voice coil,
Rated Power (Continuous / Peak) System Sensitivity Nominal Coverage Output 2 (Peak SPL @ 1 m) Driver Information LF HF	43 Hz – 20 kHz 500 W / 2000 W 97 dB, 1 W @ 1 m 75° conical 130 dB 381 mm (15 in) driver with 89 mm (3.5 in) voice coil 38 mm (1.5 in) exit, 71 mm (2.8 in) voice coil, compression driver	39 Hz – 20 kHz 1000 W / 4000 W 98 dB, 1 W @ 1 m 75° conical 134 dB Dual 381 mm (15 in) drivers with 89 mm (3.5 in) voice oil, 71 mm (2.8 in) voice coil, compression driver
Rated Power (Continuous / Peak) System Sensitivity Nominal Coverage Output 2 (Peak SPL @ 1 m) Driver Information LF HF Rated Impedance	43 Hz – 20 kHz 500 W / 2000 W 97 dB, 1 W @ 1 m 75° conical 130 dB 381 mm (15 in) driver with 89 mm (3.5 in) voice coil 38 mm (1.5 in) exit, 71 mm (2.8 in) voice coil, compression driver	39 Hz – 20 kHz 1000 W / 4000 W 98 dB, 1 W @ 1 m 75° conical 134 dB Dual 381 mm (15 in) drivers with 89 mm (3.5 in) voice coil 38 mm (1.5 in) exit, 71 mm (2.8 in) voice coil, compression driver 4 Ω
Rated Power (Continuous / Peak) System Sensitivity Nominal Coverage Output 2 (Peak SPL @ 1 m) Driver Information LF HF Rated Impedance Input Connectors	43 Hz – 20 kHz 500 W / 2000 W 97 dB, 1 W @ 1 m 75° conical 130 dB 381 mm (15 in) driver with 89 mm (3.5 in) voice coil 38 mm (1.5 in) exit, 71 mm (2.8 in) voice coil, compression driver 8 Ω 2 x NL4, 1 x barrier strip 11-ply, black texture paint fin	39 Hz – 20 kHz 1000 W / 4000 W 98 dB, 1 W @ 1 m 75° conical 134 dB Dual 381 mm (15 in) drivers with 89 mm (3.5 in) voice coil 38 mm (1.5 in) exit, 71 mm (2.8 in) voice coil, compression driver 4 Ω

¹ With QSC processing.

² Calculated for 1 m, based on sensitivity (full-space for full range systems and half-space for LF-only and subwoofer systems) and peak power capability of amplifier.

E Series Passive Subwoofers

	E118sw	E218sw
Frequency Range (-10 dB)	37 – 230 Hz	32 – 230 Hz
Rated Power (Continuous / Peak)	800 W / 3200 W	1600 W / 6400 W
System Sensitivity	98 dB, 1 W @ 1 m	101 dB, 1 W @ 1 m
Nominal Coverage	N/A	N/A
Output 2 (Peak SPL @ 1 m)	133 dB	136 dB
Driver Information LF HF	460 mm (18 in) driver with 102 mm (4 in) voice coil N/A	Dual 460 mm (18 in) drivers with 102 mm (4 in) voice coil N/A
Rated Impedance	4 Ω	4 Ω
Input Connectors	2 x NL4, 1 x barrier strip	
Enclosure	11-ply, black texture paint finish. powder-coated steel grille with for	
Net Weight	43 kg / 95 lb	76.4 kg /168 lb
Accessories	Cover, 4 in Caster Kit	Cover, 4 in Caster Kit

¹ With QSC processing.

² Calculated for 1 m, based on sensitivity (full-space for full range systems and half-space for LF-only and subwoofer systems) and peak power capability of amplifier.





CP Series Compact Powered Loudspeakers



CP Series Features

The first thing you will notice about the CP Series is its compact design - every line, angle and curve working harmoniously to present a stylish, yet rugged, appearance. Inside, CP is equipped with a highly-efficient, 1000-watt power amplifier, matching transducers and advanced DSP, delivering performance beyond expectations for a loudspeaker of this size.

- Compact and powerful performance
- 1000 watt peak power Class-D amplifier module
- · Easily selected contours for commonly-used applications
- Advanced DSP with Intrinsic Correction[™] for superior sound quality and speaker protection
- Directivity Matched Transition™ (DMT) design for consistent frequency response across the entire coverage area
- · Light weight and highly portable
- Professional appearance looks great in any application
- · Use for main PA, stage monitor, or instrument amplifier
- 35 mm pole socket
- · Optional yoke, tote, and outdoor cover accessories
- · Complete EASE and CAD information available online
- · 6-Year Warranty with product registration

Because of its compact size, CP is remarkably lightweight, making it easy to load, carry, lift and deploy in a wide range of portable and installed applications. Entertainers of all kinds, as well as educators, institutions and houses of worship will appreciate the ability to mix up to three input sources (mic/line, line and music playback device) at once, making CP a great single-box PA system that sets up in seconds. As part of a larger system, CP can be deployed on a speaker pole, used as a floor monitor or as a musical instrument amplifier. System integrators will especially appreciate CP's lightweight and compact form factor when attaching it to a wall or truss (via optional yoke mount). And all users will enjoy one-touch DSP control with preset contours for the most common audio applications.

CP12

Configuration	Two-way active loudspeaker	
Frequency Range (-6 dB)	56 - 20 kHz	49 - 20 kHz
Frequency Range (-10 dB)	53 - 20 kHz	47 - 20 kHz
Nominal Coverage Angle	90° Axisymetric	75° Axisymetric
Maximum Rated SPL ¹	124 dB	126 dB
Amplifier	Class D Peak: 800 W (LF), 200 W (HF)	Class D Peak: 800 W (LF), 200 W (HF)
AC Power Input:	Universal power supply 100 – 240 VAC, 50 – 60 Hz	
Transducers LF HF	203 mm (8 in), cone 35.6 mm (1.4 in) compression driver	305 mm (12 in), cone 35.6 mm (1.4 in) compression driver
Enclosure	Polypropylene	
Net Weight	9.5 kg / 21.0 lb	13.7 kg / 30.3 lb

¹ Peak SPL is measured on-axis at 1 m, with dynamic pink noise

CP8



30 Loudspeakers

K.2 Series Active Loudspeakers



The QSC K.2 Series is quite simply, the next standard in active loudspeakers. 2000 watts of power, elegant design and advanced DSP deliver pristine sound quality and accurate coverage. Presets and user-configurable Scenes deliver the ultimate flexibility for both main PA and floor monitor applications.

- Best in class audio performance
- · 2000 watt Class-D amplifier module
- Factory Presets and savable/recallable Scenes for commonly-used applications such as Stage Monitor, Dance Music, Musical Instrument Amplification, Hand-held Microphone and more
- Multi-function digital display for control and selection of loudspeaker functions including cross-over, EQ, delay and frequency contours
- Intrinsic Correction[™] tuning and loudspeaker management
- Directivity Matched Transition™ (DMT) design provides excellent power response and consistent performance across the listening area

	K8.2	K10.2	K12.2
Frequency Range (-10 dB)	61 Hz – 20 kHz	56 Hz – 20 kHz	48 Hz – 20 kHz
Nominal Coverage	105° conical	90° conical	75° conical
Output 1 (Peak SPL @ 1 m)	128 dB	130 dB	132 dB
Amplifier Power	1800 W (LF) + 225 W	(HF) Peak Power capac	city, Class D
AC Current Consumption 1/8 Power ²	100 VAC, 2.1 A • 120) VAC, 1.9 A • 230 VAC	C, 1.1 A
Driver Information LF HF	203 mm (8 in) cone transducer 35.6 mm (1.4 in) titanium diaphragm compression driver	254 mm (10 in) cone transducer 35.6 mm (1.4 in) titanium diaphragm compression driver	305 mm (12 in) cone transducer 35.6 mm (1.4 in) titanium in titanium diaphragm compression driver
Input Connectors	Balanced female XLR + 6.3 mm (1/4 in) combo MIC/LINE Input Balanced female XLR + 6.3 mm (1/4 in) combo HI-Z/LINE Input Stereo 3.5 mm (1/8 in): TRS input (mono-summed)		
Enclosure	Impact-resistant ABS		
Net Weight	12.2 kg / 27 lb	14.5 kg / 32 lb	17.7 kg / 39 lb

¹ Peak SPL is measured on-axis at 1 m, with dynamic pink noise

² 1/8 power is representative of current draw with typical music program material with occasional clipping.





- Refined, professional appearance looks great in any application
- Rugged ABS enclosure for long life and lasting durability
- Deployment in either main PA or floor monitor position
- Dual pole cup mounts (straight-firing and 7.5 degree down-tilt)
- M10 fittings for flown applications
- Optional security panel prevents unauthorized tampering of controls
- · 6-Year Warranty with product registration



32 Loudspeakers

KS Series Active Subwoofers



The KS Series represents the cutting-edge in subwoofer design. Each of the three models offers low frequency enhancement specific to particular sound reinforcement applications from mobile entertainment, AV rental and event production to dance and performance venues.

Small footprint and easy-to-deploy products are very valuable when space is at a premium and tight, low frequencies are desired. In other situations, where excessive sound in specific areas is undesirable, be it on stage or outdoors, a low frequency cardioid radiation will be extremely useful in 'keeping bass in its place'. Additionally, low frequency reproduction should also address today's dynamic, high-energy content heard in many clubs and venues.

The ultra-compact KS112, the single enclosure cardioid KS212C and the very high-output KS118 are all equipped with powerful Class D amplification, advanced DSP and high-output transducers, offering outstanding performance, flexibility, portability and long-term reliability.

All KS Series subwoofers are backed by a global 6-Year Extended Warranty, with product registration.

KS Series Active Subwoofers



KS112 Ultra-Compact

- · High Output in an ultra-compact form factor
- · 2000 watt Class D amplifier
- 305 mm (12 in), long-excursion driver; 6th order band-pass design
- Refined, professional appearance looks great in any application
- Vertical or horizontal deployment with dual M20 loudspeaker pole fittings



KS212C Directional

- World's first-in-class single-box active cardioid subwoofer
- 3600 watt Class D amplifier
- Dual 305 mm (12 in), long excursion drivers; dual 6th order band-pass design
- 15 dB SPL front-to-rear attenuation
- Vertical or horizontal deployment with dual M20 loudspeaker pole fittings



KS118 Commanding and Powerful

- · Impressive low frequency performance
- 3600 watt Class D amplifier
- · 460 mm (18 in), long excursion direct radiating driver
- · Omni-directional or cardioid radiation modes
- Selectable DEEP[™] mode for extremely low frequency extension
- Vertical or horizontal deployment (M20 threaded pole receiver for vertical setup)

KS Series Active Subwoofers Common Features

- Refined, professional and elegant appearance in any application
- · Built-in powerful DSP for adjustable crossover and delay
- · Scenes for commonly-used applications that can be saved/recalled

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- Rugged painted wood enclosure for lasting durability
- · Four low-noise, heavy-duty casters
- Optional transport cover, KS-LOC security cover and 35 mm loudspeaker pole accessories available
- 6-Year Warranty with product registration

	KS112	KS212C	KS118
Frequency Range (-10 dB)	38 - 121 Hz	39 - 118 Hz	35 Hz - 111 Hz
Output (Peak SPL @ 1 m)	128 dB ¹	132 dB ¹	136 dB ¹
Amplifier Power	2000 W (peak)	2 x 1800 W (peak)	3600 W (peak)
	Class D	Class D	Class D
Current	100 VAC, 2.4 A	100 VAC, 3.6 A	100 VAC, 3.6 A
Consumption	120 VAC, 2.0 A	120 VAC, 3.0 A	120 VAC, 3.0 A
1/8 Power ²	240 VAC, 1.3 A	240 VAC, 1.7 A	240 VAC, 1.7 A
Driver Information	305 mm (12 in)	Dual 305 mm (12 in),	460 mm (18 in)
LF	cone	cone	cone
Input Connectors	2 x locking XLR/F	2 x locking XLR/F	2 x locking XLR/F
	1/4 in combo,	1/4 in combo,	1/4 in combo
	2 x XLR/M (Loop-	2 x XLR/M (Loop-	2 x XLR/M (Loop-
	thru Output), 1 x	thru Output), 1x	Thru Output)
	locking IEC power	locking IEC power	1 x Locking IEC
	connector	connector	Power Connector
Enclosure	Textured Birch	Textured Birch	Textured Birch
	Plywood	Plywood	Plywood
Net Weight	28.4 kg / 62.6 lb	40.1 kg / 88.5 lb	47 kg / 104 lb

Peak SPL is measured on-axis at 1 m, with dynamic pink noise.





² 1/8 power is representative of current draw with typical music program material with occasional clipping.



36 Loudspeakers

KW Series Active Loudspeakers



Built on the highly successful K Series platform, KW Series loudspeakers feature a 1000 watt, Class D power module with onboard DSP housed in all birch wooden enclosures that deliver superior levels of sonic clarity and total output. With three full-range models in the line (KW122, KW152 and KW153), users can select a model based on desired coverage angle for optimum performance.

- Combo XLR / 6.3 mm (1/4 in) TRS inputs
- · Variable mic/line input gain
- Direct loop-thru outputs and balanced summed output
- Stereo (mono-summed) RCA phono inputs (full-range models)
- · On-board mixing of up to three audio sources
- Intrinsic Correction[™] ensures a flat sonic response
- All birch plywood enclosures
- · Integrated M10 suspension points on full range models

	KW122	KW152
Frequency Range (-10 dB)	50 Hz – 20 kHz	43.7 Hz – 20 kHz
Nominal Coverage (-6 dB)	75° conical	60° conical
Output 1 (Peak SPL @ 1 m)	131 dB	133 dB
Amplifier Power	1000 W continuous Class D	1000 W continuous Class D
Current Consumption 1/8 Power ²	100 VAC, 2.3 A • 120 VAC,	2.01 A • 230 VAC, 1.13 A
Driver Information LF HF	305 mm (12 in) cone transducer 45 mm (1.75 in) diaphragm compression driver	381 mm (15 in) cone transducer 45 mm (1.75 in) diaphragm compression driver
Input Connectors	Balanced female XLR / 1/4 in mic/line level input • Balanced female XLR / 1/4 in line level input • Stereo RCA line level input	
Enclosure	Painted Birch Plywood	Painted Birch Plywood
Net Weight	22.2 kg / 49 lb	29 kg / 64 lb
	KW153	
Frequency Range (-10 dB)	33 Hz – 20 kHz	
Nominal Coverage (-6 dB)	75° conical	
Output 1 (Peak SPL @ 1 m)	131 dB	
Amplifier Power	1000 W continuous Class D	
Current Consumption 1/8 Power ²	100 VAC, 2.3 A • 120 VAC, 2.01 A • 230 VAC, 1.13 A	
Driver Information LF MF HF	381 mm (15 in) cone transducer 165 mm (6.5 in) mid range cone transducer 45 mm (1.75 in) in diaphragm compression driver	
Input Connectors	Balanced female XLR / 6.3 mm (1/4 in) mic/line level input • Balanced female XLR / 1/4 in line level input • Stereo RCA line level input	
Enclosure	Painted Birch Plywood	

- Calculated for 1 m, based on sensitivity (full-space for full range systems and half-space for LF-only and subwoofer systems) and peak power capability of amplifier.
- ² 1/8 power is representative of current draw with typical music program material with occasional clipping.

39.5 kg / 87 lb



Net Weight



As part of QSC's ongoing commitment to product development, specifications are subject to change without notice.





KLA Series Active Loudspeakers



The KLA Series brings the power and sophistication of a line array system into an easy-to-use product, significantly redefining the line array product category. With its simple "Lift, Click and Play" approach, KLA can be deployed in a fraction of the time required by comparable line array products. This fixed arcuate, active line array system is ideal for a wide range of portable and permanently installed applications ranging from live entertainment to houses of worship or other venues where a line array system is desired.

- 1000 watt Class D power module
- · Integrated XLR input with loop thru
- 90° x 18° coverage (each enclosure)
- Integrated, easy-to-use rigging hardware allows for quick deployment
- Ar-Q™ (Arcuate Equalization) enables quick tuning of an array with the click of a switch
- DEEP™ provides extended low-frequency performance
- Intrinsic Correction[™] ensures a flat sonic response
- KLA12 features an impact-resistant ABS enclosure while the KLA181 features a textured birch plywood enclosure
- Integrated M10 suspension points

KLA12	KLA181
44 Hz 20 kHz	33 – 129 Hz
90 x 18 degree	N/A
131 dB	135 dB
1000 W continuous Class D	1000 W continuous Class D
100 VAC, 2.3 A • 120 VAC, 2.01 A	• 230 VAC, 1.13 A
305 mm (12 in) cone transducer 45 mm (1.75 in) diaphragm compression driver	460 mm (18 in) cone transducer N/A
Balanced female XLR line level input	t •
Impact resistant ABS	Painted birch plywood
25.0 kg / 55 lb	47.2 kg / 104 lb
	44 Hz− 20 kHz 90 x 18 degree 131 dB 1000 W continuous Class D 100 VAC, 2.3 A • 120 VAC, 2.01 A 305 mm (12 in) cone transducer 45 mm (1.75 in) diaphragm compression driver Balanced female XLR line level input

¹ Calculated for 1 m, based on sensitivity (full-space for full range systems and halfspace for LF-only and subwoofer systems) and peak power capability of amplifier.

 $^{^2}$ 1/8 power is representative of current draw with typical music program material with occasional clipping.









Available Accessories

K.2 Series

- TOTES for K8.2, K10.2, K12.2
- YOKES for K8.2, K10.2, K12.2
- OUTDOOR COVERS for K8.2, K10.2, K12.2
- . K.2-LOC, Lock-out cover
- M10 Eyebolt Kit-C

KS Series

- COVERS for KS112, KS212C, KS118
- . KS-LOC, Lock-out cover
- SP-16X Extension Pole
- SP-26 Loudspeaker Pole
 SP-36 Loudspeaker Pole

CP Series

- . TOTES for CP8 and CP12
- YOKES for CP8 and CP12
- OUTDOOR COVERS for CP8 and CP12

KW Series

- OUTDOOR COVERS for KW122, KW152, KW153
 - COVER for KLA181
 - M10 Eyebolt Kit-W
 - KW122 Suspension Kit-W

KLA Series

- KLA12 TOTE
- KLA181 COVER
- KLA AF12, Array Frame
- KLA AF12 TOTE
- M10 Eyebolt Kit-C
- KLA181 M10 Eyebolt Kit



K.2 Series Outdoor Cover (rear flap opened)









K.2 Series Totes



K.2 Series Yoke Mount (deployed vertically)



K.2 Series Yoke Mount (deployed horizontally)



M10 Eyebolt Kit-C



KS112 Cover with two K8.2 Totes



CP Series Yoke Mount (deployed horizontally)



CP Series Cover



CP Series Pole Mount

WideLine-8 Line Array System



Designed for the most demanding concert and installation applications, the WideLine-8 system packs full size line array performance into an ultra compact package ideal for venues with height or sightline restrictions.

WL3082 shown hung from AF3082-S

- Extremely compact (only 508 mm / 20 in wide) and lightweight 17.2 kg (38 lb)
- High acoustic output (133 dB peak SPL)
- Wide 140° horizontal coverage
- High power, 203 mm (8 in) neodymium LF / MF drivers provide low-frequency extension to 62 Hz without subwoofers
- 76.2 mm (3 in) diaphragm compression driver on QSC's patented 140° multiple diffraction aperture waveguide (Patent No. 7,177,437)
- Patented (D576,660) side-mounted vent ports designed for double duty as handles
- Simple, easy-to-use rigging system supports arrays of up to 12 units with a 10:1 design factor
- · Flexible ground stack capability
- Fully supported in EASE and EASE Focus acoustic software

WL3082

Frequency Range (-10 dB)	62 Hz – 20 kHz
Nominal Coverage	140° Horizontal
Peak Output ² LF MF HF	128 dB 128 dB 133 dB
Power Handling ¹ LF MF HF	250 W 250 W 100 W
Driver Information LF HF	Dual 203 mm (8 in) woofer, 63.5 mm (2.5 in) voice coil 35.6 mm (1.4 in) exit, 76.2 mm (3 in) diaphragm, neodymium magnet compression
Input Connectors	2 x NL8 in parallel
Enclosure	Premium 18 mm Baltic Birch Plywood
Net Weight (each)	17 kg / 38 lb

¹ Continuous IEC specified test signal, 2 hours unless otherwise stated.
² Calculated at 1 m using power capacity and system sensitivity. 6 dB peak-to-average signal ratio assumed.





Four WL3082 on top of two WL212-sw

As part of QSC's ongoing commitment to product development, specifications are subject to change without notice.

WideLine-8 Subwoofers



GP212-sw

- Dual 305 mm (12 in) subwoofer in a 4th order bandpass enclosure
- 135 dB peak SPL output capability
- Frequency range extending to 32 Hz (-10 dB)
- Integrated M10 suspension points
- · M20 threaded pole mount

WL212-sw

- Dual 305 mm (12 in) transducers, 102 mm (4 in) subwoofer in a 4th order bandpass enclosure
- 135 dB peak SPL output capability
- Frequency range extending to 32 Hz (-10 dB)
- May be suspended at the top of a WL3082 array or behind the array
- Integral suspension hardware also supports WL3082 in ground stack applications



	GP212-sw	WL212-sw	
Frequency Range (-10 dB)	32 – 107 Hz	32 – 107 Hz	
Peak Output ²	135 dB	135 dB	
Power Handling ¹ SUB	850 W	850 W	
Driver Information LF	Dual 305 mm (12 in) transducers, 102 mm (4 in) voice coil, ferrite magnet		
Input Connectors	2 x NL8 in parallel and 2 x NL4 in parallel		
Enclosure	Premium 18 mm Baltic Birch Plywood		
Net Weight (each)	45.1 kg / 99.5 lb	45.1 kg / 99.5 lb	

¹ Calculated at 1 m using power capacity and system sensitivity. Assumed 6 dB peak-to-average signal ratio.

² Continuous IEC specified test signal, 2 hours unless otherwise stated



As part of QSC's ongoing commitment to product development, specifications are subject to change without notice.

WideLine-10 Line Array System

The WideLine™ WL2102-w is a compact, high-output, wide dispersion line array loudspeaker system renowned for its ability to meet and exceed requirements for applications ranging from corporate meetings to large venue reinforcement of high-level popular music. From ballrooms to churches to concert venues. WideLine-10 is known for its full-range, warm, open, natural sound.



- Patented* multiple aperture diffraction slot waveguide provides exceptionally wide horizontal coverage (140°) and a near ideal vertical line source
- Exceptionally high output capability in a very compact form factor.
- Bi-amp or tri-amp design
- Dual 254 (10 in) long excursion, high power, low-frequency transducers
- Single 76.2 mm (3 in) diaphragm neodymium compression driver
- · Premium 18 mm Baltic Birch plywood
- Fully captive hardware design incorporates all components necessary for box to box rigging.

WL2102-w

Frequency Range (-10 dB)	48 Hz – 20 kHz
Nominal Coverage	140° Horizontal
Peak Output ² LF / MF	133 dB / 133 dB
Power Handling ¹ HF LF / MF Bi-amp Tri-amp	80 W 600 W 400 W + 400 W
Driver Information LF HF	Dual 254 mm (10 in) transducers, 76.2 mm (3 in) voice coil, ferrite magnet 76.2 mm (3 in) titanium diaphragm, neodymium magnet
Input Connectors	2 x NL8 in parallel
Enclosure	Premium 18 mm Baltic Birch Plywood
Net Weight (each)	37.7 kg / 83 lb

¹ Continuous IEC specified test signal, 2 hours bi-amp mode unless otherwise stated.

² Calculated at 1 m using power capacity and system sensitivity. 6 dB peak-to-average signal ratio assumed.



Available WideLine-10 Accessories

 AF2102-LA: Large Array Frame, may be used to stack twelve (12) or fly twenty-four (24) WL2102-w elements

*Patent No. 7,177,437

WideLine-10 Subwoofers



Four WL218-sw shown hung from AF218-sw



WL218-sw

- Simple, convenient suspension system based on the proven QSC WideLine design. Supports up to 8 WL218-sw subwoofers with a 10:1 design factor
- Very high acoustic output capability, 139 dB peak SPL at 1 m.
- Exceptional "punch" combined with low-frequency extension down to 31 Hz
- Comprehensive transport and handling features including an easy to attach dolly and twelve thoughtfully placed handles.
- Premium-grade, long-excursion, high-power woofers with 4 in, fiberglass voice coils, double layer spiders and triple roll surrounds
- Birch ply enclosure with independent, dual chambers and extensive internal bracing for rigidity and solid, accurate reproduction

GP218-sw

- Very high acoustic output capability, 140.5 dB peak SPL at 1 m.
- Tight musical "punch" combined with low-frequency extension down to 27.4 Hz

- Elegant transport and handling features including an optional transport dolly plus soft cover and four thoughtfully placed handles
- Premium-grade, long-excursion, high-power woofers with 4 in, fiberglass voice coils, double layer spiders and triple-roll surrounds
- Premium 18 mm Baltic Birch Plywood enclosure with independent, dual chambers and extensive internal bracing for rigidity and solid, accurate reproduction

Available WideLine-10 Subwoofer Accessories

- · AF218-sw: Array frame
- CVR218: Soft cover for WL218-sw
- CVRGP218: Soft cover for GP218-sw
- CRT218-0: Caster pallet for GP218-sw

	GP218-sw	WL218-sw
Frequency Range (-10 dB)	28 – 230 Hz (without processing)	31 – 230 Hz (without processing)
Peak Output ²	140.5 dB	139 dB
Power Handling ¹	1700 W	1700 W
Driver Information LF	Dual 460 mm (18 in) trans ceramic magnet assembly	ducers, 102 mm (4 in) voice coil,
Input Connectors	2 x NL4 in parallel	
Enclosure	Premium 18 mm Baltic Bir	ch Plywood
Net Weight (each)	86.6 kg / 191 lb — speaker only	92.5 kg / 204 lb — speaker only 110 kg / 244 lb — includes dolly

Ontinuous IEC specified test signal, 2 hours unless otherwise stated.

² Calculated at 1 m using power capacity and system sensitivity. Assumed 6 dB peak-to-average signal ratio.







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Mixers



¶ TouchMix™ Series Compact Digital Mixers

Amplifiers



◆PLD Series



PowerLight™ 3 Series



◆ RMXa Series



◆PLX2 Series

Amplifiers (continued)

GXD Series ▶



57

GX Series ▶



Loudspeakers

E Series Passive Loudspeakers



CP Series Compact Powered Loudspeakers



K.2 Series Active Loudspeakers >



KS Series Active Subwoofers >



Loudspeakers (continued)



◀ KS118 Active Subwoofer



♦ KW Series Active Loudspeakers



◀ KLA Series Active Loudspeakers



◆ WideLine Series

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