



KW Series

Active Loudspeakers

Features

- K Series performance in a lightweight, birch design
- 1000 watt Class D power modules in all models (2 x 500 W)
- Extensive DSP featuring DEEP™ and Intrinsic Correction™ enhances system performance
- DMT™ (Directivity Matched Transition) ensures uniform coverage across the entire sound field
- Rugged, texture-painted birch enclosures
- Four-position Mic/Line gain (full-range models)
- Tour-grade 16 gauge steel grilles
- Comfortable ergonomic handles
- 35 mm pole sockets with Tilt-Direct™ (KW122, KW152)
- M10 rigging points for suspended installation (full-range models)
- KW122 also functions as stage monitor

KW122 | KW152 | KW153 | KW181



THAT THE MTRC CRCHAS AGD
DNO PRATON

Tilt-Direct™: HNDPABE
ABETPOEBMON
SYTEMPEBDFHDAAGEA
DGRDOWWARDTIOFHSPEKADW
ACOSTICRYOBTONHADEN
OFFRETEFACEFORAPPCATDSWHE
MAMICORAGEROMAHGHPOSTON
SPEKSDERD

Remote Gain: 2MOTGANOTROCAPBY
SOFFRDAPOTOMERTNDP
CONBTOTHGARDBOTTE
CONFORMITADAPPCATDMEPE

Premium-grade Materials:

High Output: KERECHOFTHEOR
3REMODEFATEGA13DGG

Defined Coverage Area: BETWATCHD
RANDBRODSFORMATCHD&

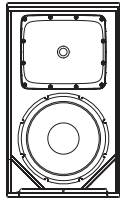
DSP: VEGAPROCESSNEMPD
THROGHOUPRODNOFSONCARTXN
TOTADUPHATDEXRETATDSFORA

Connectivity: 3REFATBEAFOBPOSTON
MC BASWITCHTHATADWSFORCONTON
OFAWDREOFDREOMB82AN
23NUSACCETOTHMCAN
DOWHASEOF2PHONICS
KETADWADDTONCONTYO
PORTAEDARSARSAN
MESPTOTHRADDSORCECAN
KANKNSMMBTOABANBOUPFOR
VDASCHANVOMIPES3EARATDRET
OUPUSAREOPRODNOCHCHANOR
ADDTANDUPFY

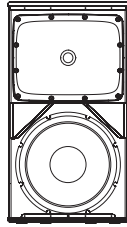
Control: BARDSWITCHEPRODEREE%
SETNSHRETNOFANEMODECAN
BETOFORADDTANDRESE
KHERTCAMDREKREOROR
ACCBATREODGTDNFTHOMNSGAL
HBTWITCHABETO.2-OR
ADDTANBSSKORR25FBANE
MODEFORSEVTHARRNS/OOFRE
RARPABWITCHABETO2
MANTHERONMONDWHHE
NSPOWERBONORAPPCATDSWHE
TSDNDSRABOMATEHEROKBR
)WHCHNCATETOTHESTMOPEATOR

KW Series

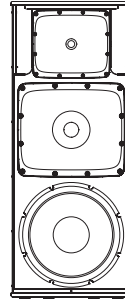
Preliminary Specifications



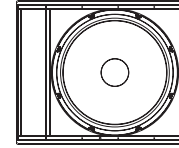
KW122



KW152



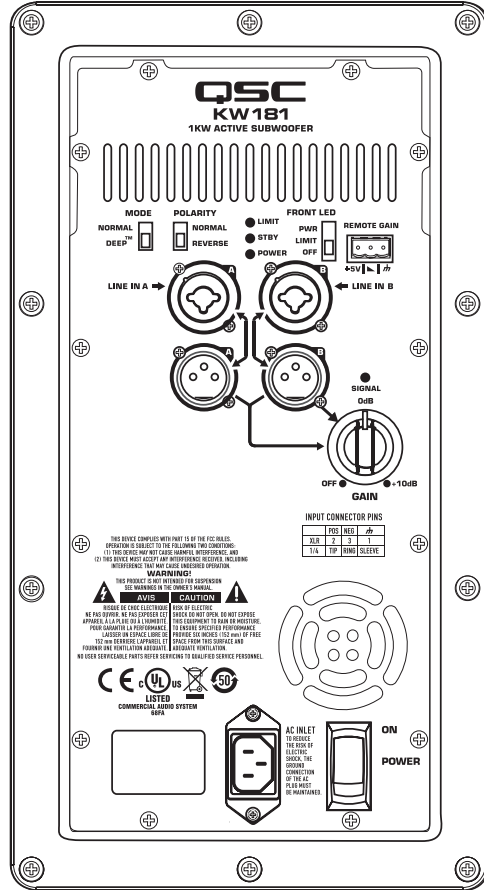
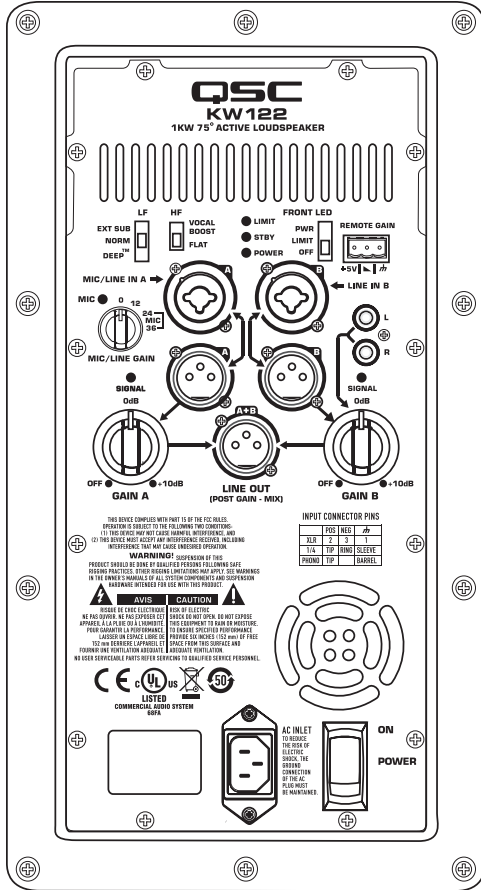
KW153



KW181

Configuration	12" 2-way multipurpose loudspeaker	15" 2-way trapezoidal loudspeaker	15" 3-way trapezoidal loudspeaker	18" subwoofer
Transducers				
Low-frequency	12" cone transducer	15" cone transducer	15" cone transducer	18" cone transducer
Mid-frequency	–	–	6.5" mid range cone transducer	–
High-frequency	1.75" diaphragm compression driver	1.75" diaphragm compression driver	1.75" diaphragm compression driver	–
Frequency Response (-6 dB)	53 Hz – 18 kHz	47 Hz – 18 kHz	35 Hz – 18 kHz	43 Hz – 97 kHz
Frequency Range (-10 dB)	50 Hz – 20 kHz	44 Hz – 20 kHz	33 Hz – 20 kHz	39 Hz – 145 Hz
Nominal Coverage (-6 dB)	75° axisymmetric	60° axisymmetric	75° axisymmetric	–
Maximum SPL (1 meter)	131 dB peak	133 dB peak	134 dB peak	132 dB peak
Amplifiers				
Power Output	1000 W Class D (500 W LF, 500 W HF) continuous		1000 W Class D (500 W LF, 500 W MF/HF) continuous	1000 W Class D continuous
Input Impedance (Ω)	XLR/¼": 40k balanced/20k unbalanced • RCA: 10k			XLR/¼": 40k balanced/20k unbalanced
Controls	Power • Gain A • Gain B • Channel A Input Gain (0 dB/12 dB/24 dB/36 dB) • LF Mode (Ext Sub/Norm/DEEP™) • HF Mode (Flat/Vocal Boost) Front LED (On/Off/Limit)			Power • Gain • LF Mode (Normal/DEEP™) • Polarity (Normal/Reverse) • Front LED (On/Off/Limit)
Indicators	Power • Signal A • Signal B • Standby • Limit • Mic (24 dB and 36 dB settings)			Power • Signal • Standby • Limit
Connectors	Balanced female XLR/¼" line/mic level input • Balanced female XLR/¼" line level input • Dual Balanced male XLR full range line level out • Balanced male XLR "mix" out • Stereo RCA line level input • Remote gain control • Locking IEC power connector			Dual balanced female XLR/¼" line level input • Dual Balanced male XLR full range line level out • Remote gain control • Locking IEC power connector
Cooling	On demand, 50 mm variable speed fan			
Amplifier Protection	Thermal limiting • Output overcurrent • Overtemperature muting • GuardRail™			
Transducer Protection	Thermal limiting • Excursion limiting			
AC Power Input	Universal power supply 100 – 240 VAC, 50 – 60 Hz			
AC Power Consumption 1/8 Power	100 VAC, 2.3 A • 120 VAC, 2.01 A • 230 VAC, 1.13 A			
Enclosure	15 mm painted birch plywood			
Finish	Black textured paint			
Grille	Black powder coated 16 gauge steel			
Dimensions (HWD)	26" x 15" x 15.4" 660 mm x 381 mm x 391 mm	32.1" x 17.5" x 15.2" 816 mm x 445 mm x 386 mm	43.1" x 18.5" x 16.8" 1094 mm x 470 mm x 427 mm	20.1" x 23.4" x 29.9" with casters 510 mm x 595 mm x 761 mm with casters
Weight (Net)	49 lb (22.2 kg)	64 lb (29 kg)	87 lb (39.5 kg)	83 lb (37.6 kg)
Available Accessories	KW SUS KIT 122 • KW122 COVER • KW M10 KIT	KW152 COVER • KW M10 KIT	KW153 COVER • KW M10 KIT	KW181 COVER

Specifications subject to change without notice.



KW122 | KW152 | KW153

KW181



ØSPÆKRSTAN

engaged



ØDORMOKORPOSTON



