V.Qx Series



2-WAY ACTIVE LOUDSPEAKER SERIES

3 MODELS: 10, 12 AND 15”

NEODYMIUM COMPONENTS

DIGIPRO G3 AMP 900W RMS

ADVANCED DSP FEATURING LINEAR PHASE FIR FILTERS

FULLY NETWORKABLE VIA AURORA NET

ON BOARD HQ AND HPF DSP PRESETS

POINT-SOURCE COMPLETION

dBTechnologies presents VIO X, an original series of professional active 2-way speakers combining impressive output, advanced DSP features and complete networkability via Aurora Net software.
Conceived as a point-source completion for the VIO family, the new VIO X series provides in facts a broad spectrum of professional applications as well as flexible configuration options.

	VIO X10	***VIO X12***	***VIO X15***
Speaker Type	2 Way Active Loudspeaker	2 Way Active Loudspeaker	2 Way Active Loudspeaker
Usable bandwidth [-10dB]	73 - 21.400 Hz	62 - 22.000 Hz	55 - 22.000 Hz
Frequency Response [-6dB]	82 - 20.000 Hz	79 - 21.000 Hz	72 - 21.000 Hz
Max SPL	130 dB	132 dB	133.5 dB
HF	1x 1”	1 x1.4”	1x 1.4”
Voice Coil HF	1.75”	3” Neodymium	3” Neodymium
LF	1x 10”	1x 12”	1x 15”
Voice Coil LF	2.5” Neodymium	3” Neodymium	3” Neodymium
Directivity (HxV)	90° x 40°	60° x 40°	60° x 40°
Horn	Rotatable Horn	Rotatable Horn	Rotatable Horn
Amplifier	900 W RMS Class-D Digipro® G3	900 W RMS Class-D Digipro® G3	900 W RMS Class-D Digipro® G3
Cooling	Convection	Convection	Convection
Power Supply	Auto-range SMPS	Auto-range SMPS	Auto-range SMPS
Controller	DSP 28/56 bit	DSP 28/56 bit	DSP 28/56 bit
AD/DA Converter	24 bit/48 kHz	24 bit/48 kHz	24 bit/48 kHz
Limiter	Peak, RMS, Thermal	Peak, RMS, Thermal	Peak, RMS, Thermal
Processing	FIR Linear Phase Filters	FIR Linear Phase Filters	FIR Linear Phase Filters
Signal Input	1x XLR balanced, 1x RJ45 Link (RDNet)	1x XLR balanced, 1x RJ45 Link (RDNet)	1x XLR balanced, 1x RJ45 Link (RDNet)
Signal Output	1x XLR balanced, 1x RJ45 Link (RDNet)	1x XLR balanced, 1x RJ45 Link (RDNet)	1x XLR balanced, 1x RJ45 Link (RDNet)
Power Socket	1x PowerCON TRUE1 In 1x PowerCON TRUE1 Out	1x PowerCON TRUE1 In 1x PowerCON TRUE1 Out	1x PowerCON TRUE1 In 1x PowerCON TRUE1 Out
Controls	1x Rotary Encoder (8x EQ, HPF presets) 1x Input sensitivity potentiometer 1x Mic / line switch	1x Rotary Encoder (8x EQ, HPF presets) 1x Input sensitivity potentiometer 1x Mic / line switch	1x Rotary Encoder (8x EQ, HPF presets) 1x Input sensitivity potentiometer 1x Mic / line switch
Special Features	Opto-isolated floating pre-amp	Opto-isolated floating pre-amp	Opto-isolated floating pre-amp
Housing	Wooden Cabinet, Polyurea painting	Wooden Cabinet, Polyurea painting	Wooden Cabinet, Polyurea painting
Handles	1x (top)	1x (top), 2x (side)	1x (top), 2x (side)
Wedge Angle	Monitor use 50°	Monitor use 50°	Monitor use 50°
Rigging points	12x M10 Thread + 4x Fast lock pins	12x M10 Thread + 4x Fast lock pins	12x M10 Thread + 4x Fast lock pins
Pole Mount	Ø36 mm	Ø36 mm	Ø36 mm
Width x Height x Depth	280 x 550 x 375 mm (11.02 x 21.65 x 14.76 in)	340 x 650 x 445 mm (13.38 x 25.5 x 17.51 in)	400 x 750 x 475 mm (15.74 x 29.52 x 18.7 in)
Weight	16.6 kg (36.59 lbs)	20.7 kg (45.63 lbs)	25.4 kg (55.99 lbs)

PROFESSIONAL & FLEXIBLE

The series encompasses 3 models: all equipped with a specially designed rotatable horn facilitating a clear and constant directivity.



VIO X10, featuring 1x 10" woofer (2.5 v.c) and a 1" compression driver (1.75" v.c.)

VIO X12, featuring 1x 12" woofer (3" v.c.) and 1x 1.4" compression driver (3" v.c.)

VIO X15, featuring 1x 15" woofer (3" v.c) and 1x 1.4" compression driver (3" v.c.)

All cabinets are powered by on board Digipro G3 900 W RMS providing majestic sound pressure levels in compact size and very limited weight. Advanced sound processing featuring Linear Phase FIR Filters allows VIO Xs to deliver an extremely coherent audio performance, standing out for its intelligibility and clarity from every listening position.



On board presets let users adapt High Pass Filters to the chosen application, as well as dedicated EQ presets for Wedge or Fullrange mode. Last but not least, VIO X is equipped with RDNet port allowing monitoring and full remote control in real time via Aurora Net software (Windows and Mac).



A feature-mix boosting high-end audio performance as well as advanced versatility. As a matter of facts, VIO X cabinets serve impressively as a stand alone PA system that can be stacked, flown or wall-mounted, as a full range PA or in combination with VIO S118 and VIO 118R subwoofers, but also act as the perfect side-fill, delay or stage monitoring system in larger VIO sound reinforcement applications.

The robust wooden enclosure allows horizontal use for monitoring purposes and is provided with a 36mm pole mount, and rigging points facilitating fixed installations with dedicated vertical and horizontal brackets.



Accessories

WB-VIOX10H



Horizontal wall bracket for VIO X10.

WB-VIOX12H



Horizontal wall bracket for VIO X12.

WB-VIOX15H



Horizontal wall bracket for VIO X15.

WB-VIOX10V



Vertical wall bracket for VIO X10. 36mm Pole mount included.

WB-VIOX12V



Vertical wall bracket for VIO X12. 36mm Pole mount included.

WB-VIOX15V



Vertical wall bracket for VIO X15. 36mm Pole mount included.

RC-M1



Amplifier magnetic rain cover.