

WIRELESS SYSTEMS

COMPARISON GUIDE



	BLX	GLX-D+ DUAL BAND	SLX-D	QLX-D	ULX-D	AXIENT® DIGITAL
SPECS						
Handheld Configurations	PG58, SM58, Beta 58A	SM58, Beta 58A, Beta 87A	SM58, Beta 58A, Beta 87A, SM86, KSM8	SM58, Beta 58A, Beta 87A, Beta 87C, SM86, SM87A, KSM9, KSM9HS, KSM8	SM58, Beta 58A, Beta 87A, Beta 87C, SM86, SM87A, KSM9, KSM9HS, KSM8	SM58, Beta 58A, Beta 87A, Beta 87C, KSM9, KSM9HS, KSM8, VP68
Tuning Bandwidth	24 MHz	N/A	44 MHz	64 MHz	64 MHz	146 MHz
Compatible Systems per Band	Up to 12	Up to 4 in typical environments / Up to 16 with Frequency Manager	Up to 32 per band (10 per 6MHz tv channel)	Up to 60 per band (17 per 6MHz TV Channel)	Up to 60 per band Standard - (17 per 6MHz TV Channel) HD - (47 per 6MHz TV channel)	Up to 116 Standard - (17 per 6MHz TV Channel) HD Mode - (47 per 6MHz TV channel)
Compatible Systems using Multiple Bands	18 (Region Dependent)	Up to 16	Up to 61	Up to 96	Up to 96 in Standard Mode	Up to 116 in Standard Mode
Spectrum	UHF	2.4 GHz + 5.8 GHz	UHF	VHF, UHF, 900 MHz ISM	VHF, UHF, 900 MHz ISM	UHF / 900 MHz ISM
Working Range	300 ft. Line of sight	100 ft. Line of sight	300 ft. Line of sight	330 ft. Line of sight	330 ft. Line of sight	330 ft. Line of sight (without Quadversity®)
Receiver Form Factor	BLX4 - Single Tabletop BLX88 - Dual Tabletop BLX4R - Single Rack mount"	GLXD4+ Single Tabletop GLXD4R+ Single Rack mount GLXD6+ Single Guitar Pedal	Single / Dual	Single	Single, Dual, Quad	Portable, Dual, Quad
Selectable Frequencies	Group/ Channel Only	Auto / Manual 2.4 or 5.8 GHz	Tune in 25 kHz steps	Tune in 25kHz steps	Tune in 25kHz steps	Tune in 25kHz steps
Auto Setup Features	Quickscan	Channel Scan, Group Scan	Channel Scan, Group Scan, Guided Frequency Setup	Scan, Network Scan	Scan, Network Scan	Scan, Network Scan
IR Sync	No	No	Yes	Yes	Yes	Yes
DANTE	No	No	No	No	Yes; Dual and Quad only	Yes
Transmitter Form Factors	BLX1 Bodypack BLX2 Handheld	GLXD1+ Bodypack GLXD2+ Handheld	SLXD1 Bodypack SLXD2 Handheld	QLXD1 Bodypack QLXD2 Handheld ULXD6 Boundary Mic ULXD8 Gooseneck Base	ULXD1 Bodypack ULXD2 Handheld ULXD6 Boundary ULXD8 Gooseneck	AD1, ADX1 Bodypacks ADX1M Micro Bodypack AD2, ADX2, ADX2FD Handhelds AD3 Plug-on
Furnished Antennas	BLX4/BLX88 - internal BLX4R - removeable 1/4 wave	GLXD4+ Fixed 1/2 wave GLXD4R+ Removeable 1/2 wave GLXD6+ Internal	Removeable 1/4 wave	Removeable 1/2 wave	Removeable 1/2 wave	Removeable 1/2 wave
Receiver Networking	No	No	Yes	Yes	Yes	Yes
Compatible Software	N/A	N/A	Shure SUU, WWB, ShurePlus Channels, 3rd Party Control	Shure SUU, WWB, ShurePlus Channels, 3rd Party Control	Shure SUU, WWB, SystemOn, ShurePlus Channels, 3rd Party Control	Shure SUU, WWB, ShurePlus Channels, 3rd Party Control
Rack Hardware	BLX4/BLX88 - optional (URT2) BLX4R - Included	GLXD4+ optional (URT2) GLXD4R+ Included GLXD6+ N/A	Included	Included	Included	Included
Display	Backlit Icon LCD	Backlit Icon LCD	OLED	High contrast LCD	Backlit LCD	High Res TFT LCD Display
Encryption	No	No	No	Yes; AES-256	Yes; AES-256	Yes; AES-256
Alkaline Battery Life	2 AA > 14 hrs.	N/A	2 AA > 8hrs.	2 AA > 9 hrs.	2 AA > 11 hrs.	AD series - 2 AA > 8 hrs. ADX series - N/A
Rechargeable Battery Life	N/A	SB904 > 12 hrs.	SB903 > 8 hrs.	SB900B > 10 hrs.	SB900B > 11 hrs.	AD series - SB900B > 9 hrs. ADX series - SB910/ SB920 > 11 hrs. ADX1M - SB910M > 7 hrs
	BLX	GLX-D+ DUAL BAND	SLX-D	QLX-D	ULX-D	AXIENT® DIGITAL
ACCESSORIES						
Shure Rechargeable Battery	N/A	SB904	SB903	SB900B	SB900B	AD series - SB900B ADX series - SB910/ SB920 ADX1M - SB910M
Compact Charger	N/A	SBC10-904	SBC10-903	SBC10-100	SBC10-100	AD series - SBC10-100 ADX series - N/A
Docking Charger	N/A	N/A	SBC203	SBC200 SBC220 - Networked	SBC200 SBC220 - Networked	AD - SBC200 / SBC220 ADX1 / ADX2 - SBC240 ADX1M - N/A
Distro	BLX4R - UA844+SWB/LC	Frequency Manager (GLXD+FM)	UA844+SWB	UHF - UA844+SWB/LC VHF - UA844+V/LC 900 MHz - UA845UWB	UHF - UA844+SWB VHF - UA844+V 900 MHz - UA845UWB	UA845UWB
ActiveDirectional Antenna	BLX4R - UA874US	N/A	UA874US	UHF - UA874US VHF - UA874V 900 MHz - UA874XA	UHF - UA874US VHF - UA874V 900 MHz - UA874XA	UHF - UA874US 900 MHz - UA874XA
Passive Directional Antenna	BLX4R - PA805SWB	PA805DB-RSMA	PA805SWB	UHF - PA805SWB VHF - N/A 900 MHz - PA805X	UHF - PA805SWB VHF - N/A 900 MHz - PA805X	UHF - PA805SWB 900 MHz - PA805X
Cables	BLX4R only PA725 (10') UA825 (25') UA850 (50') UA8100 (100')	UA806-RSMA (6') UA825-RSMA (25') UA850-RSMA (50') UA8100-RSMA (100')	UA806 (6') PA725 (10') UA825 (25') UA850 (50') UA8100 (100')	UA806 (6') PA725 (10') UA825 (25') UA850 (50') UA8100 (100')	UA806 (6') PA725 (10') UA825 (25') UA850 (50') UA8100 (100')	UA806 (6') PA725 (10') UA825 (25') UA850 (50') UA8100 (100')
Power Supply	PS24US	GLXD4+ PS43US GLXD4R+ PS43US GLXD6+ PS24US	PS43US	PS24US	ULXD4 - PS43US / Power Cable	Power Cable