

COMPARE THE RELAY® FAMILY



	RELAY G10	RELAY G10S	RELAY G30	RELAY G50	RELAY G55	RELAY G90
	Polycarbonate Amp-top System	Metal Stompbox-style System	Polycarbonate Stompbox-style System	Metal Stompbox-style System	Metal Amp-top System	Metal 1U Rackmount System
Antennas	Internal Antennas			External 1/4 wave Antennas	External 1/2 wave Antennas	Up to 4 External Antennas
Transmission Format	4th generation Line 6 proprietary digital audio transmission					
Latency	<2.9ms (RF2 mode)					
Frequency Response	10Hz - 20kHz					
Dynamic Range	>110dB	>112dB	>118dB	>120dB	>117dB	>120dB
RF Carrier Frequency	2.4GHz					
Operating modes	RF2			RF1, RF2		
Compatible Channels	Up to 14	Up to 11 (manual)/ Up to 14 (automatic)	Up to 6	Up to 12		Up to 14
Frequency Scanning	Yes			No		Yes
Support For Multiple Transmitters	No			Manual Channel Switch		Toggle between 2 transmitters
Support For Multiple Instruments	No	Auto/Manual Channel Switch	Manual Channel Switch		Support for 2 via toggle	
Transmission Range	Up to 50 feet line-of-sight (may vary due to local conditions)	Up to 130 feet line-of-sight (may vary due to local conditions)	Up to 100 feet line-of-sight (may vary due to local conditions)	Up to 200 feet line-of-sight (may vary due to local conditions)	Up to 300 feet line-of-sight (may vary due to local conditions)	
FCC Approval	Part 15 approved, no user-license required					
Cable Tone	Factory set for 10' (3m) Length XLR output has no cable tone applied	Off, 10' (3m), 30' (9m)	Off, 15' (5m), 30' (9m)	Off, 5' (1.5m), 10' (3m), 15' (5m), 20' (6m), 25' (8m), 30' (9m), 35' (11m), 40' (12m), 45' (14m), 50' (15m), 100' (30m)	Off, 25' (8m) Fixed	Off, 3' (1m), 5' (1.5m), 10' (3m), 15' (5m), 20' (6m), 25' (8m), 30' (9m), 40' (12m), 50' (15m), 60' (18m), 70' (21m), 80' (24m), 90' (27m), 100' (30m), 125' (38m)
TRANSMITTER SPECS						
	G10T (Used in G10 and G10S)		TBP06 Transmitter	TBP12 Transmitter		
A/D Conversion	24-bit Delta Sigma, 128 times oversampling					
Input Impedance	1.3 M-Ohm					
Connectors	1/4-inch Male unbalanced input plug		1/4-inch unbalanced input	TA4f		
Controls	N/A		Power On/Off, Channel Select			
LED Display	Power, Status		Power, Audio Status			
LCD Display	N/A			Channel Number, Battery Life		
Battery Life	Up to 6 hours		Approximately 8 hours (2x AA alkaline batteries)			
Sleep Mode	Automatic, activated after 4 minutes without any audio input extends standby time up to 150 hours		No			
RECEIVER SPECS						
	G10R	G10SR	G30 Receiver	G50 Receiver	G55 Receiver	G90 Receiver
D/A Conversion	24-bit Delta Sigma, 128 times oversampling					
Connections	1/4-inch output, Balanced XLR DI output		1/4-inch output	1/4-inch output, Tuner pass-thru	1/4-inch output, XLR output	1/4-inch output, XLR output; Tuner pass-thru
LED Displays	Connection Status, Transmitter Battery Life		Power On, Data Link, Audio Status		Audio Status, Transmitter Battery Life, Mute, RF	
LCD Displays	N/A					Channel Number, Transmitter Battery Life
Controls	N/A	Channel 1-11 select, Automatic Channel Scan and Select, Cable Tone	Channel Select, Cable Tone			Channel select, Cable Tone, Setup, Screen Color
Power	5VDC-1A, MicroUSB	9V DC Barrel 500mA 5V DC 1A MicroUSB	9VDC 500ma Barrel Connection			IEC 100-240VAC Auto Ranging
Power Supply	Universal USB Power Supply (5V-1A) included	DC-1g power supply (9VDC)				IEC connector for internal switching power supply that works worldwide

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