

Mic Kits						
Name	Type	Receiver	Handheld	Bodypack	Frequency	Channel
Apollo	Single	QLX-D	QLXD1	QLXD2	475.400	U1-1
Atlas	Single	QLX-D	QLXD1	QLXD2	478.650	U1-3
Calypso	Single	QLX-D	QLXD1	QLXD2	479.025	U1-4
Hercules	Single	QLX-D	QLXD1	QLXD2	479.475	U1-5
Icarus	Single	QLX-D	QLXD1	QLXD2	480.100	U1-6
Jason	Single	QLX-D	QLXD1	QLXD2	480.625	U1-7
Midas	Single	QLX-D	QLXD1	QLXD2	481.300	U1-8
Orion	Single	QLX-D	QLXD1	QLXD2	482.150	U1-9
Pandora 1	Dual	ULXD4D	ULXD2	ULXD1	486.100	U1-12
Pandora 2	Dual	ULXD4D	ULXD2	ULXD1	486.500	U1-13
Hydra 1	Dual	UR4D	UR2	UR1	492.000	U1-14
Hydra 2	Dual	UR4D	UR2	UR1	493.875	U1-16
Poseidon 1	Dual	UR4D	UR2	UR1	500.975	U1-17
Poseidon 2	Dual	UR4D	UR2	UR1	501.475	U1-18
Talos 1	Dual	UR4D	UR2	UR1	502.175	U1-19
Talos 2	Dual	UR4D	UR2	UR1	503.200	U1-20
Olympus 1	Quad	UR4D	UR2	UR1	503.550	U1-21
Olympus 2	Quad	UR4D	UR2	UR1	508.800	U1-22
Olympus 3	Quad	UR4D	UR2	UR1	511.425	U1-23
Olympus 4	Quad	UR4D	UR2	UR1	518.625	U1-24
Cerberus 1	Dual	ULXD4D	ULXD2	ULXD1	548.925	U1-1
Cerberus 2	Dual	ULXD4D	ULXD2	ULXD1	552.150	U1-2
Medusa 1	Dual	ULXD4D	ULXD2	ULXD1	552.825	U1-3
Medusa 2	Dual	ULXD4D	ULXD2	ULXD1	555.575	U1-4

Band Info:

QLX-D - G50 - 470-534 MHz

ULXD4D (Medusa and Cerberus) - H50 - 534-598 MHz

ULXD4D (Pandora) - G50 - 470-534 MHz

UR4D - G1 - 470-530 MHz

Mic vs. Line

Mic level - Weaker signal, typically between 1 mV to, at most, a few dozen mV.

Line level - Stronger signal, around 1 volt. This means line level can be 1000 times more voltage than line level.

Check the back of the mic kits to make sure they are sending out **mic** level. There's very little reason to ever have a mic kit output line level.

IMPORTANT - *Never* plug a line level output into a mic level input. The input is expecting a few millivolts, and is now receiving 1000 times the voltage. This can damage circuits, create feedback issues, create distortion, and more.

Gain staging

Gain adjusts the amount of voltage in the audio signal. Theoretically, increasing or decreasing gain makes the signal voltage stronger or weaker without changing the waveform.

Backup Frequencies

G50 (470-534)	H50 (534-598)
478.125 - U1-2	556.425 - U1-5
484.050 - U1-10	558.150 - U1-6
485.025 - U1-11	558.500 - U1-7
493.325 - U1-15	584.125 - U1-8
520.375 - U1-25	596.700 - U1-9
522.000 - U1-26	597.050 - U1-10

These backups are programmed into the respective units. Double check that the frequencies match the custom group if you have to change the frequency.



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