

RECEIVER MODELS											TRANSMITTER MODELS					
MODEL	UHF / VHF Standard Range in MHz	FREQ-AGILE No. of Tunable Frequencies	SQUELCH	AUDIO OUTPUT	PACKAGES Standard Packaged System Options	WARRANTY	RACK MOUNT Hardware Options	ANTENNA TYPE Included with Receiver/Package	ANT. UPGRADE Remote Mountable & Increase Range	MAXIMUM No. of UHF's / Simultaneous Use	COMPATIBLE EQUIPMENT OPTIONS	XMTR TYPE	CONNECTOR Beltpack / Mic	FREQ-AGILE No. of Tunable Frequencies	SQUELCH	BATT.
					L = Lapel wired mic C = Lapel un-wired mic H = Handheld L+H = Lapel and HH G = Guitar B = Bass guitar HD = Handheld dynamic HE = Handheld electret PT = Plug-in transmitter HW = Headset A = Aerobic headhorn		All receivers except for the ENG-series are half-rack size units	All receiver models shown except the ENG-1 are diversity reception units	Quantity is subject to availability by built TV manufacturers. Quantity shown is based on standard frequency options - special frequencies/ settings may increase maximum no. of units.		(1) Denotes a model included in standard packaged system NOTE: UT-500 must have tone squelch shut OFF for use with FMR-450 The ENG-500 must have tone squelch shut OFF for use with any xmtr other than the UT-500	NOTE: Special features on the LT-100 and SH-100 series is referred to as "X". The "X" setting provides longer transmission range - the "not" setting provides longer battery life for applications that don't require long range (less than 75'). NOTE: Typical "line of sight" range for most is approximately 1000' direct line of sight/ideal conditions. FMR-450 model will provide the best transmission distance - Pro Star series will be closer to 500' NOTE: Pin out for nearly all beltpack models with TA-4 connector: Pin1=Ground / Pin2=Audio / Pin3=5 volt / Pin4=typically not used				
UR-700	UHF (690-721)	No	User adjustable	XLR - mic level 1/4" - line level adjustable	L/C/H	3 year	Single/Dual - included	1/4 wave TNC	CLA-X (freq specific) 1/2 wave omni ALP-450 directional	10	WT-700 * HT-700/CE-8 * HT-700/OM-3	beltpack handheld handheld	Switchcraft TA-4 No No	No No No		9 V 9 V 9 V
USR-100	UHF (668-746)	100 - frequency synthesized	Tone code	XLR - mic/line selector switch	L/C/H/L+H	3 year	Single/Dual - included	1/4 wave TNC	CLA-X (freq specific) 1/2 wave omni ALP-450 directional	10 to 12	LT-100 * SH-100/CE-8 * SH-100/OM-3	beltpack handheld handheld	Switchcraft TA-4 No No	100 - frequency 100 - frequency 100 - frequency	Tone code Tone code Tone code	AA (2) AA (2) AA (2)
RS-1	UHF (668-746)	100 - frequency	Tone code	XLR - mic/line selector switch	L/C/H/L+H	3 year	Single/Dual - included (red)	1/4 wave TNC	CLA-X (freq specific) 1/2 wave omni ALP-450 directional	10 to 12	LS-1 * HS-1 *	beltpack handheld	Switchcraft TA-4 No	100 - frequency 100 - frequency 100 - frequency	Tone code Tone code Tone code	AA (2) AA (2) AA (2)
* Note: RS-1 has digital encryption for secure audio																
FMR-450	UHF (566-670)	No	Post-Squelch	XLR - mic level level adjustable 1/4" locking for guitar version	L/C/H/G/B	3 year	RM-S for Single RM-D for Dual	1/2 wave TNC remote-mountable/ ground-independent Model CLA-X by freq.	ALP-450 directional log periodic type	10 20* w/optional freq.	WT-450 * HT-450/85 * HT-450/OM-3 HT-450/757 UT-500 - see note	beltpack handheld handheld handheld plug-on	LEMO No No No 2 - frequency	No No No No Tone code / defeatable		9 V 9 V 9 V 9 V 9 V
FMR-70	VHF (189-216)	No	Post-Squelch	XLR mic level level adjustable	L/C/H	3 year	RM-S for Single RM-D for Dual	1/4 wave PL-259	AN-58X (freq specific) 1/2 wave omni ANC-58X (freq specific) 1/2 wave omni ALP-1 directional log periodic type	10	WT-55 * WT-60 WT-80 HT-200/85 * HT-200/OM-3 HT-200/757	beltpack beltpack beltpack handheld handheld handheld	Switchcraft TA-4 Switchcraft TA-4 Switchcraft TA-4 No No No	No No No No No No		9 V 9 V 9 V 9 V 9 V 9 V
FMR-150	VHF (169-216)	3 - frequency crystal-controlled	Tone code / defeatable	XLR - mic/line selector switch level adjustable	L/C/H	3 year	RM-S for Single RM-D for Dual	1/4 wave PL-259	AN-58X (freq specific) ANC-58X (freq specific) ALP-1 directional log periodic type	10 to 12	WT-150 * HT-150/85 * HT-150/OM-3 HT-150/757	beltpack handheld handheld handheld	Switchcraft TA-4 No No No	3 - frequency 3 - frequency 3 - frequency 3 - frequency	Tone code Tone code Tone code Tone code	9 V 9 V 9 V 9 V
ENG-500	UHF (566-693)	2 - frequency	Tone code / defeatable	XLR - mic/line selector switch level adjustable	PT	3 year	Portable / video cam Mount accessories: DC-GM DC-SM DC-NP1 DC-UM	1/4 wave LEMO			WT-450 HT-450/85 HT-450/OM-3 HT-450/757 UT-500 *	beltpack handheld handheld handheld plug-on	LEMO No No No 2 - frequency	No No No No Tone code / defeatable		9 V 9 V 9 V 9 V 9 V
* Note: ENG-500 can be powered from a 9V battery or external 9 to 17 V DC source																
ENG-100	UHF (668-746)	100 - frequency synthesized	Tone code	XLR - mic level level adjustable	L	3 year	Portable / video cam * Uses same mounting hardware as ENG-300	1/4 wave LEMO			LT-100 * SH-100/CE-8 SH-100/OM-3	beltpack handheld handheld	Switchcraft TA-4 No No	100 - frequency 100 - frequency 100 - frequency	Tone code Tone code Tone code	AA (2) AA (2) AA (2)
* Note: ENG-100 can be powered from two AA batteries or external 9 to 17 V DC source																
ENG-1	VHF (189-216)	No	User adjustable	3.5 mm line level L level adjustable	L	1 year	Portable / video cam * Velcro mount	1/4 wave hard wired	N/A - hard-wired antennas		All of the same options as the models FMR-70 and VR-12		No No	No No		9 V 9 V
* Note: ENG-1 can be powered from a 9V battery or external 9 to 24 V DC source																
ENG-1	VHF (189-216)	No	User adjustable	3.5 mm line level L level adjustable	L	1 year	Portable / video cam * Velcro mount	1/4 wave hard wired	N/A - hard-wired antennas		All of the same options as the models FMR-70 and VR-12		No No	No No		9 V 9 V
* Note: ENG-1 can be powered from a 9V battery or external 9 to 24 V DC source																
UR-12	UHF (710-722)	No	User adjustable	XLR - mic level 1/4" - line level adjustable	L/C/HD/HE/ PT/HW	1 year	RM-12	1/4 wave hard wired	N/A - hard-wired antenna	4 to 6	UB-12 UH-12D UH-12E UT-12	beltpack handheld handheld plug-on	Switchcraft TA-4 No No No No	No No No No		9 V 9 V 9 V 9 V
UGR-12	UHF (710-722)	No	User adjustable	1/4" - line level	G-only	1 year	RM-12	1/4 wave hard wired	N/A - hard-wired antenna	4 to 6	UG-12	beltpack	Hard wired	No		9 V
VR-12	VHF (174-186)	No	User adjustable	1/4" - line level adjustable	L/C/HD/HE/ A/HW	1 year	RM-12	1/4 wave hard wired	N/A - hard-wired antenna	4 to 6	VB-12L VB-12H VB-12 VH-12D VH-12E	beltpack beltpack beltpack handheld handheld	Hard wired Hard wired Switchcraft TA-4 No No	No No No No No		9 V 9 V 9 V 9 V 9 V
VGR-12	VHF (174-186)	No	User adjustable	1/4" - line level	G-only	1 year	RM-12	1/4 wave hard wired	N/A - hard-wired antenna	4 to 6	VG-12	beltpack	Hard wired	No		9 V