

PUBLICATION INDEX

MASTR® II "E" SERIES MOBILE

COMBINATION NOMENCLATURE

Digit 1	Digit 2	Digit 3	Digit 4	Digit 5	Digit 6	Digit 7	Digits 8 & 9	Digit 10
Mechanical Package	Operating Voltage	RF Power Output Range	Channel Spacing	Frequency Capacity	Number of Freqs. Tx / Rx	Options	Frequency Range (MHz)	Oscillator Stability
E Extended Package	C ±12 VDC	4 8-20 Watts	4 20 kHz	A 1 Freq.	A 1/1	S Standard	12 25-30	A ±0.0005%
	J + 16 to 60 VDC (Neg. Grnd)	5 21-40 Watts	5 25 kHz	C 2 Freq.	B 2/1	G Channel Guard & UHS Receiver	13 36-36	B ±0.0002%
	X ±12 VDC less Accessory Group	6 41-80 Watts	6 30 kHz	K 8 Freq.	C 2/2	N Noise Blanker	23 36-42	C Phase Lock Loop ±0.0005%
	Y ±16-60 VDC less Accessory Group	7 81-128 Watts		P 12 Freq.	D 1/2	P UHS Receiver	33 42-50	D Phase Lock Loop ±0.0002%
					E 3/3	U Channel Guard	44 66-78	
					F 4/4	W Channel Guard & Noise Blanker	45 77-88	
					G 5/5		56 138-155	
					H 6/6	D Duplex	66 150.8-174	
					J 7/7	L Duplex & CG	77 406-420	
					K 8/8		78 420-450	
					L 9/9		88 450-470	
					M 10/10		89 470-494	
					N 11/11		91 494-512	
					P 12/12			

INSTALLATION MANUAL (ALL): LB14444 (DF9031)
 OPERATOR'S MANUAL (ALL): LB14437

PRODUCT CODE (PC65)
MASTR® II "E" SERIES MOBILE

BINDER

COMBINATION MANUAL (PURPLE)

<u>DIGIT 5</u>	<u>DIGIT 7</u>
A,C,K	S,U,N,W,P,G
P	S,U,N,W,P,G
P	D,L

TRANSMITTER MANUAL (ORANGE)

<u>DIGIT 3</u>	<u>DIGIT 8 & 9</u>	<u>DIGIT 10</u>
6	12,13,23,33	A,B
7	12,13,23,33	A,B
5	44,45	A,B
5	56,66	A,B
6	56,66	A,B
7	56,66	A,B
5	56,66	C,D
6	56,66	C,D
7	56,66	C,D
4	77,78,88,89,91	A,B
5	77,78,88,89,91	A,B
6	77,78,88,89,91	A,B
7	77,78,88,89,91	A,B

RECEIVER MANUAL (BROWN)

<u>DIGIT 7</u>	<u>DIGIT 8 & 9</u>
S,U	12,13,23,33
N,W	12,13,23,33
S,U	44,45
D,L,S,U	56,66
G,P	
N,W	56,66
D,L,S,U	77,78,88,89,91
G,P	

SYSTEM MANUAL (BLUE)

DIGIT
ALL

CONTROL UNIT MANUAL (BLUE)

DIGIT 5
A,C
K
P

DC CONVERTER MANUAL (BLUE)

DIGIT 2
J,Y

TONE MANUAL (GREEN)

DIGIT 7
G,W,U,L

ECP200

LBI-4681/DF9031
LBI-4698/DF9031
LBI-4880/DF9031

LBI-4896/DF3155
LBI-4898/DF3155
LBI-30616/DF3155
LBI-30750/DF3156
LBI-30746/DF3156
LBI-30737/DF3156
LBI-30756/DF3156
LBI-30755/DF3156
LBI-30752/DF3156
LBI-30215/DF3158
LBI-30211/DF3158
LBI-30207/DF3158
LBI-30198/DF3158

LBI-30019/DF1105
LBI-30020/DF1105
LBI-30611/DF1100
LBI-30027/DF1101

LBI-30028/DF1101
LBI-30025/DF1104

LBI-4750/DF4093

LBI-30238/DF4105
LBI-30239/DF4105
LBI-30240/DF4105

LBI-4724/DF0072

LBI-31056/DF5047
LBI-4743 (PRIOR TO 12/82)

MASTR II "E" SERIES MOBILE OPTIONS (PC65)

OPTION	PUBLICATION	DESCRIPTION
2000	None	Delete Control Unit
3211	None	Delete L.B. Antenna (30-50 MHz range)
3213	None	Delete H.B. & UHF Antenna
3453	LBI3184	Noise Suppression Kit
7086	LBI30238*/DF4105	Low Band Antenna (25-30 MHz)
	LBI30239	
7094	LBI30238*/DF4105	Low Band Antenna (30-50 MHz)
	LBI30239	
7096	LBI30238*/DF4105	H.B./UHF Antenna
9002	LBI4979/DF8408	C.C.T.
9003	None	Lease Nameplate
9004	LBI31056/DF5046	C.G. Encode only, Single Tone
9005	LBI4740/DF9031	weatherproof Box
9006	LBI4740/DF9031	Weatherproof Box, Mounting Kit
9007	None	Delete 20 Ft., 18 Conductor Control Cable
9008	None	Delete 20 Ft., 30 Conductor Control Cable
9009	None	Delete 20 Ft., 38 Conductor Power Control Cable
9010	LBI4450*/DF9031	9 Ft., 18 Conductor Control Cable
	LBI4535*/DF9031	
	LBI4698*/DF9031	
	LBI4880*/DF9031	
	LBI30250*/DF9031	
9011	LBI4450*/DF9031	9 Ft., 30 Conductor Control Cable
	LBI4535*/DF9031	
	LBI4698*/DF9031	
	LBI4880*/DF9031	
	LBI30250*/DF9031	
9012	LBI4450*/DF9031	9 Ft., 38 Conductor Control Cable
	LBI4535*/DF9031	
	LBI4698*/DF9031	
	LBI4880*/DF9031	
	LBI30250*/DF9031	
9013	LBI30238*/DF4105	18 Ft., 18 Conductor Control Cable
9014	LBI30239*/DF4105	18 Ft., 30 Conductor Control Cable
9015	LBI30240*/DF4105	18 Ft., 38 Conductor Control Cable
9016	LBI4450*/DF9031	27 Ft., 18 Conductor Control Cable
	LBI4535*/DF9031	
	LBI4698*/DF9031	
	LBI4880*/DF9031	
	LBI30250*/DF9031	
9017	LBI4450*/DF9031	27 Ft., 30 Conductor Control Cable
	LBI4535*/DF9031	
	LBI4698*/DF9031	
	LBI4880*/DF9031	
	LBI30250*/DF9031	
9018	LBI4450*/DF9031	27 Ft., 38 Conductor Control Cable
	LBI4535*/DF9031	
	LBI4698*/DF9031	
	LBI4880*/DF9031	
	LBI30250*/DF9031	
9019	None	Delete Microphone & Mounting Accessories
9020	None	Delete Microphone & CG Hookswitch
9021	LBI30238*/DF4105	Microphone & Mounting Accessories
	LBI30239*/DF4105	
	LBI30240*	
9022	LBI30238*/DF4105	Microphone & CG Hookswitch
	LBI30239*/DF4105	
	LBI30240*	
9023	LBI4875*/DF5035	Microphone & Hookswitch for Ext. Decode
	LBI4835*	
9024	LBI31052/DF5046	CG, Different Tone Encode/Decode
9025	LBI4875*/DF5035	Handset/Hookswitch for Ext. Decoder
	LBI4835*/DF5035	

OPTION	PUBLICATION	DESCRIPTION
9026	LBI30451/DF8385	Noise Cancelling Microphone & Mounting Acc.
9027	LBI30238*/DF4105 LBI30239*/DF4105 LBI30240*/DF4105 LBI30451/DF8385	Noise Cancelling Microphone & CG Hookswitch
9028	LBI30238*/DF4105 LBI30239*/DF4105 LBI30240*/DF4105 LBI30451/DF8385	Noise Cancelling Mic. & Hookswitch for Ext. Dec.
9029	See Applicable Option Manual	Control Unit Extender Board
9031	LBI4705/DF5046	Universal Encoder & Decoder Cables
9032	LBI4705/DF5046	Ext. Encoder Cable
9033	LBI30238/DF4105	2-Freq. Control Unit
9034	LBI4444*/DF9031	Mounting Accessory Kit
9035	LBI31052/DF5047	Channel Guard, Encode only, 2-Tone
9036	LBI31052/DF5047	Channel Guard, Encode only, 3-Tone
9037	LBI31052/DF5047	Channel Guard, Encode only, 4-Tone
9038	LBI31052/DF5047	Channel Guard, Encode only, 5-Tone
9039	LBI31052/DF5047	Channel Guard, Encode only, 6-Tone
9040	LBI31052/DF5047	Channel Guard, Encode only, 7-Tone
9041	LBI31052/DF5047	Channel Guard, Encode only, 8-Tone
9042	LBI31052/DF5047	Channel Guard, Encode/Decode 2-Tone
9043	LBI31052/DF5047	Channel Guard, Encode/Decode 3-Tone
9044	LBI31052/DF5047	Channel Guard, Encode/Decode 4-Tone
9045	LBI31052/DF5047	Channel Guard, Encode/Decode 5-Tone
9046	LBI31052/DF5047	Channel Guard, Encode/Decode 6-Tone
9047	LBI31052/DF5047	Channel Guard, Encode/Decode 7-Tone
9048	LBI31052/DF5047	Channel Guard, Encode/Decode 8-Tone
9049	LBI4750*/DF4093	Delete EC Rx ICOM
9050	LBI4750*/DF4093	Delete 2C Rx ICOM
9051	LBI4750*/DF4093	Delete EC Tx ICOM
9052	LBI4750*/DF4093	Delete 2C Tx ICOM
9053	LBI4755/DF4093	Window Mount Kit
9054	LBI30027*/DF1101 LBI30028*/DF1101	H.B. Rx High Side Injection Mod.
9055	LBI4933/DF4093 LBI30239*/DF4105	8-Freq. Control Unit, Dual Control
9056	LBI30240/DF4105 LBI4933/DF4093	12-Freq. Control Unit, Dual Control
9057	LBI4933/DF4093	Dual Control, Parallel SPKR Audio
9058	LBI4933/DF4093	Dual Control, Switched Audio
9059	LBI30238*/DF4105 LBI30239*/DF4105 LBI30240*/DF4105	Standard Speaker
9060	None	Delete Standard Speaker
9061	None	Delete Accessories, Non CG
9062	None	Delete Accessories, w/CG
9063	LBI4750*/DF4093	Delete EC Rx ICOM, High Side Injection
9064	LBI4750*/DF4093	Delete 2C Rx ICOM, High Side Injection
9065	LBI4444/DF9031	Ignition Switch Standby Cable
9067	LBI30242*/DF5047	Ext. CG, 8-Tone Encode, Appl. Kit
9068	LBI31056/DF5047	CG, Decode only 1-Tone
9069	LBI4750*/DF4093	Fixed Squelch Kit
9070	LBI30517	Power Control Cable for Secode, VPI, Control Unit, MC Comb.
9071	LBI30517	Power Control Cable for duplex operation w/VPI
9072	LBI30238*/DF4105 LBI30239*/DF4105 LBI30240*/DF4105	Fixed Squelch Control Unit Kit
9073	LBI30238*/DF4105 LBI30239*/DF4105 LBI30240*/DF4105	Channel Busy Light Control Unit Kit
9075	LBI4705/DF5046	Ext. Decoder Cable

OPTION	PUBLICATION	DESCRIPTION
9076	LBI-30238*/DF4105 LBI-30239*/DF4105 LBI-30240*/DF4105	Handset/Hookswitch, Simplex
9077	LBI-4880/DF9031	Handset/Hookswitch, Duplex
9078	LBI-30723	TX PA Power Relay Assembly
9079	LBI-30732	Hump Mount Bracket
9080	DF Bulletin 4093-3	Extractor Tool Kit
9081	None	33 Ft. Ground Cable
9082	LBI-30517	Power Control Cable for Secode VPI Control Unit
9083		Delete Mounting Hardware MX Combination
9084		Delete UHF High Power Antenna
9085	LBI-30690	UHF High Power Antenna
9089	LBI-30264/DF5046	Multi-Freq. ENC/DEC, Crystal CG, 2-Tone Extended Tone
9090	LBI-30264/DF5046	Multi-Tone, ENC/DEC Crystal CG, 3-Tone
9091	LBI-30264/DF5046	Multi-Tone, ENC/DEC Crystal CG, 4-Tone
9092	LBI-30264/DF5046	Multi-Tone, ENC/DEC Crystal CG, 6-Tone
9093	LBI-30264/DF5046	Multi-Tone, ENC/DEC Crystal CG, 6-Tone
9096	LBI-4647/DF8409	Public Address
9097	LBI-30238*/DF4105 LBI-30239*/DF4105 LBI-30240*/DF4105	Blanker Disable
9098	LBI-31056*/DF5046	CG Disable Strapping Kit
9126	LBI-4750/DF4093	Delete EC 5 PPM FM ICOM, Tx
9127	LBI-4750/DF4093	Delete 2C 2 PPM FM ICOM, Tx
9130	LBI-30726/DF8414	Trunk Mount Spacer Kit
9131	None	Delete Low Band Antenna (25-30 MHz)
9132	None	Delete Mid Band Antenna
9133	LBI-30238*/DF4105 LBI-30238*/DF4105 LBI-30240*/DF4105	Mid Band Antenna
9135	None	Delete 1-CG Versatone Network
9136	LBI-30611/DF1100 LBI-30616/DF3155	Mid Band Crossband
9201	See Product Code (PC69)	DFE, Matching IF's
9202	See Product Code (PC69)	DFE, Non Matching IF's
9203	LBI-4681/DF9031 LBI-4894/DF3160	L.B. Wide Spaced Transmitter (5PPM)
9204	LBI-4681/DF9031 LBI-4894/DF3160	L.B. Wide Spaced Transmitter (2PPM)
9205	LBI-4681/DF9031 LBI-4894/DF3160 See Product Code (PC69)	DFE & Wide Spaced Transmitter
9206	LBI-4880/DF9031	Duplexer, 150-162 MHz
9207	LBI-4880/DF9031	Duplexer, 162-174 MHz
9208	LBI-4880/DF9031	Duplexer, 450-470 MHz
9209	LBI-4880/DF9031	Duplexer, 470-494 MHz
9210	LBI-4880/DF9031	Duplexer, 494-512 MHz
9211	LBI-30760/DF3156	Marine Hi-Lo Power, Radio Mod Kit, 8-Freq.
9212	LBI-30760/DF3156	Marine Hi-Lo Power, Radio Mod Kit, 12-Freq.
9213	LBI-30760/DF3156	Marine Hi-Lo Power, Radio Mod Kit, DC Converter 1-8 Freq.
9214	LBI-30760/DF3156	Marine Hi-Lo Power, Radio Mod Kit, DC Converter 12-Freq.
9215	LBI-30725/DF8414	External Duplexer Appl. Kit
9088	LBI-31052	Channel Guard Encode/Decode W/Deemphasis (Delete LBI-31056 when this option used)

LEGEND:

NONE = NO INSTRUCTION

* = INSTRUCTIONS PROVIDED AS PART OF ASSOCIATED EQUIPMENT MANUAL

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