



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 Freq. Tx/Rx	Options	Frequency Range (MHz)	Oscillator Stability
E Extended Package	C ±12 VDC	4 6-20 Watts	4 20 KHz	A 1 Freq.	A 1/1	D Duplex	12 25-30	A ±0.0005%
	J +15 to 50 VDC (Neg. Gnd)	5 21-40 Watts	5 25 KHz	C 2 Freq.	B 2/1	G Channel Guard & UHS Receiver	13 30-36	B ±0.0002%
	X ±12 VDC Less Accessory Group	6 41-80 Watts	6 30 KHz	K 8 Freq.	C 2/2	L Duplex & CG	23 36-42	C Phase Lock Loop ±0.0005%
	Y ±16 to 60 VDC Less Accessory Group	7 81-128 Watts		P 12 Freq.	D 1/2	N Noise Blanker	33 42-50	D Phase Lock Loop ±0.0002%
					E 3/3	P UHS Receiver	44 66-78	
					F 4/4	S Standard	45 77-88	
					G 5/5	U Channel Guard	56 138-155	
					H 6/6	W Channel Guard & Noise Blanker	66 150.8-174	
					J 7/7		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			

PC65

INSTALLATION MANUAL

LBI-4444

OPERATOR'S MANUAL

LBI-4437

BINDER

ECP-200

COMBINATION MANUAL

Digit 5

Digit 7

A,C,K

S,U,N,W,P,G

LBI-4681/DF9031

P

S,U,N,W,P,G

LBI-4698/DF9031

P

D,L

LBI-4880/DF9031

TRANSMITTER MANUAL

Digit 3

Digits 8 & 9

Digit 10

6

12,13,23,33

A,B

LBI-4896/DF3155

7

12,13,23,33

A,B

LBI-4898/DF3155

5

44,45

A,B

LBI-30616/DF3155

5

56,66

A,B

LBI-30750/DF3156

6

56,66

A,B

LBI-30746/DF3156

7

56,66

A,B

LBI-30737/DF3156

5

56,66

C,D

LBI-30756/DF3156

6

56,66

C,D

LBI-30755/DF3156

7

56,66

C,D

LBI-30752/DF3156

4

77,78,88,89,91

A,B

LBI-30215/DF3158

5

77,78,88,89,91

A,B

LBI-30211/DF3158

6

77,78,88,89,91

A,B

LBI-30207/DF3158

7

77,78,88,89,91

A,B

LBI-30198/DF3158

RECEIVER MANUAL

Digit 7

Digits 8 & 9

S,U

12,13,23,33

LBI-30019/DF1105

N,W

12,13,23,33

LBI-30020/DF1105

S,U

44,45

LBI-30611/DF1100

D,L,S,U

56,66

LBI-30027/DF1101

G,P

N,W

56,66

LBI-30028/DF1101

D,L,S,U

77,78,88,89,91

LBI-30025/DF1104

G,P

SYSTEM MANUAL

Digit

ALL

LBI-4750/DF4093

CONTROL UNIT MANUAL

Digit 5

A,C

LBI-30238/DF4105

K

LBI-30239/DF4105

P

LBI-30240/DF4105

DC CONVERTER MANUAL

Digit 2

J,Y

LBI-4724/DF0072

TONE MANUAL

Digit 7

G,W,U,L

LBI-31056/DF5047

LBI-4743

MASTR II "E" SERIES MOBILE OPTIONS (Con't)

<u>OPTION</u>	<u>PUBLICATION</u>	<u>DESCRIPTION</u>
2000	NONE	DELETE CONTROL UNIT
3211	NONE	DELETE L.B. ANTENNA (30-50 MHz RANGE)
3213	NONE	DELETE H.B. & UHF ANTENNA
3453	LBI-3184	NOISE SUPPRESSION KIT
7086	LBI-30238*/DF4105	LOW BAND ANTENNA (25-30 MHz)
	LBI-30239	
7094	LBI-30238*/DF4105	LOW BAND ANTENNA (30-50 MHz)
	LBI-30239	
7096	LBI-30238*/DF4105	H.B./UHF ANTENNA
9002	LBI-4979/DF8408	C.C.T.
9003	NONE	LEASE NAMEPLATE
9004	LBI-31056/DF5046	C.G. ENCODE ONLY, SINGLE TONE
9005	LBI-4740/DF9031	WEATHERPROOF BOX
9006	LBI-4740/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	LBI-4450*/DF9031	9-FT., 18 CONDUCTOR CONTROL CABLE
	LBI-4535*/DF9031	
	LBI-4698*/DF9031	
	LBI-4880*/DF9031	
	LBI-30250*/DF9031	
9011	LBI-4450*/DF9031	9-FT., 30 CONDUCTOR CONTROL CABLE
	LBI-4535*/DF9031	
	LBI-4698*/DF9031	
	LBI-4880*/DF9031	
	LBI-30250*/DF9031	
9012	LBI-4450*/DF9031	9-FT., 38 CONDUCTOR CONTROL CABLE
	LBI-4535*/DF9031	
	LBI-4698*/DF9031	
	LBI-4880*/DF9031	
	LBI-30250*/DF9031	
9013	LBI-30238*/DF4105	18-FT., 18 CONDUCTOR CONTROL CABLE
9014	LBI-30239*/DF4105	18-FT., 30 CONDUCTOR CONTROL CABLE
9015	LBI-30240*/DF4105	18-FT., 38 CONDUCTOR CONTROL CABLE
9016	LBI-4450*/DF9031	27-FT., 18 CONDUCTOR CONTROL CABLE
	LBI-4535*/DF9031	
	LBI-4698*/DF9031	
	LBI-4880*/DF9031	
	LBI-30250*/DF9031	
9017	LBI-4450*/DF9031	27-FT., 30 CONDUCTOR CONTROL CABLE
	LBI-4535*/DF9031	
	LBI-4698*/DF9031	
	LBI-4880*/DF9031	
	LBI-30250*/DF9031	
9018	LBI-4450*/DF9031	27-FT., 38 CONDUCTOR CONTROL CABLE
	LBI-4535*/DF9031	
	LBI-4698*/DF9031	
	LBI-4880*/DF9031	
	LBI-30250*/DF9031	
9019	NONE	DELETE MICROPHONE & MOUNTING ACCESSORIES
9020	NONE	DELETE MICROPHONE & CG HOOKSWITCH

MASTR II "E" SERIES MOBILE OPTIONS (Con't)

OPTION	PUBLICATION	DESCRIPTION
9021	LBI-30238*/DF4105 LBI-30239*/DF4105 LBI-30240*	MICROPHONE & MOUNTING ACCESSORIES
9022	LBI-30238*/DF4105 LBI-30239*/DF4105 LBI-30240*	MICROPHONE & CG HOOKSWITCH
9023	LBI-4875*/DF5035 LBI-4835*	MICROPHONE & HOOKSWITCH FOR EXT. DECODE
9024	LBI-31052/DF5046	CG, DIFFERENT TONE ENCODE/DECODE
9025	LBI-4875*/DF5035 LBI-4835*/DF5035	HANDSET/HOOKSWITCH FOR EXT. DECODER
9026	LBI-30451/DF8385	NOISE CANCELLING MICROPHONE & MOUNTING ACCESSORIES
9027	LBI-30238*/DF4105 LBI-30239*/DF4105 LBI-30240*/DF4105 LBI-30451*/DF8385	NOISE CANCELLING MICROPHONE & CG HOOKSWITCH
9028	LBI-30238*/DF4105	NOISE CANCELLING MICROPHONE & HOOKSWITCH FOR EXT. DECODER
9029	LBI-30239*/DF4105 LBI-30240*/DF4105 LBI-30451/DF8385 SEE APPLICABLE OPTION MANUAL	CONTROL UNIT EXTENDER BOARD
9031	LBI-4705/DF5046	UNIVERSAL ENCODER & DECODER CABLES
9032	LBI-4705/DF5046	EXTERNAL ENCODER CABLE
9033	LBI-30238/DF4105	2-FREQUENCY CONTROL UNIT
9034	LBI-4444*/DF9031	MOUNTING ACCESSORY KIT
9035	LBI-31052/DF5047	CHANNEL GUARD, ENCODE ONLY, 2-TONE
9036	LBI-31052/DF5047	CHANNEL GUARD, ENCODE ONLY, 3-TONE
9037	LBI-31052/DF5047	CHANNEL GUARD, ENCODE ONLY, 4-TONE
9038	LBI-31052/DF5047	CHANNEL GUARD, ENCODE ONLY, 5-TONE
9039	LBI-31052/DF5047	CHANNEL GUARD, ENCODE ONLY, 6-TONE
9040	LBI-31052/DF5047	CHANNEL GUARD, ENCODE ONLY, 7-TONE
9041	LBI-31052/DF5047	CHANNEL GUARD, ENCODE ONLY, 8-TONE
9042	LBI-31052/DF5047	CHANNEL GUARD, ENCODE/DECODE ONLY, 2-TONE
9043	LBI-31052/DF5047	CHANNEL GUARD, ENCODE/DECODE ONLY, 3-TONE
9044	LBI-31052/DF5047	CHANNEL GUARD, ENCODE/DECODE ONLY, 4-TONE
9045	LBI-31052/DF5047	CHANNEL GUARD, ENCODE/DECODE ONLY, 5-TONE
9046	LBI-31052/DF5047	CHANNEL GUARD, ENCODE/DECODE ONLY, 6-TONE
9047	LBI-31052/DF5047	CHANNEL GUARD, ENCODE/DECODE ONLY, 7-TONE
9048	LBI-31052/DF5047	CHANNEL GUARD, ENCODE/DECODE ONLY, 8-TONE
9049	LBI-4750*/DF4093	DELETE EC RX ICOM
9050	LBI-4750*/DF4093	DELETE 2C RX ICOM
9051	LBI-4750*/DF4093	DELETE EC TX ICOM
9052	LBI-4750*/DF4093	DELETE 2C TX ICOM
9053	LBI-4755/DF4093	WINDOW MOUNT KIT
9054	LBI-30027*/DF1101 LBI-30028*/DF1101	H.B. RX HIGH SIDE INJECTION MOD.
9055	LBI-4933/DF4093 LBI-30239*/DF4105	8-FREQ. CONTROL UNIT, DUAL CONTROL
9056	LBI-30240/DF4105 LBI-4933/DF4093	12-FREQ. CONTROL UNIT, DUAL CONTROL

MASTR II "E" SERIES MOBILE OPTIONS (Con't)

<u>OPTION</u>	<u>PUBLICATION</u>	<u>DESCRIPTION</u>
9057	LBI-4933/DF4093	DUAL CONTROL, PARALLEL SPKR AUDIO
9058	LBI-4933/DF4093	DUAL CONTROL, SWITCHED AUDIO
9059	LBI-30238*/DF4105	STANDARD SPEAKER
	LBI-30239*/DF4105	
	LBI-30240*/DF4105	
9060	NONE	DELETE STANDARD SPEAKER
9061	NONE	DELETE ACCESSORIES, NON CG
9062	NONE	DELETE ACCESSORIES, w/CG
9063	LBI-4750*/DF4093	DELETE EC Rx ICOM, HIGH SIDE INJECTION
9064	LBI-4750*/DF4093	DELETE 2C Rx ICOM, HIGH SIDE INJECTION
9065	LBI-4444/DF9031	IGNITION SWITCH STANDBY CABLE
9067	LBI-30242*/DF5047	EXT. C.G., 8-TONE, ENCODE, APPL. KIT
9068	LBI-31056/DF5047	C.G., DECODE ONLY 1-TONE
9069	LBI-4750*/DF4093	FIXED SQUELCH KIT
9070	LBI-30517	POWER CONTROL CABLE FOR SECODE, VPI, CONTROL UNIT, M.C. COMBINATION
9071	LBI-30517	POWER CONTROL CABLE FOR DUPLEX OPERATION w/VPI
9072	LBI-30238*/DF4105	FIXED SQUELCH CONTROL UNIT KIT
	LBI-30239*/DF4105	
	LBI-30240*/DF4105	
9073	LBI-30238*/DF4105	CHANNEL BUSY LIGHT CONTROL UNIT KIT
	LBI-30239*/DF4105	
	LBI-30240*/DF4105	
9075	LBI-4705/DF5046	EXTERNAL DECODER CABLE
9076	LBI-30238*/DF4105	HANDSET/HOOKSWITCH SIMPLEX
	LBI-30239*/DF4105	
	LBI-30240*/DF4105	
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	NONE	DELETE MOUNTING HARDWARE MX COMBINATION
9084	NONE	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	BLANKER DISABLE
	LBI-30239*/DF4105	
	LBI-30240*/DF4105	
9098	LBI-31056*/DF5046	CG DISABLE STRAPPING KIT
9126	LBI-4750/DF4093	DELETE EC 5 PPM FM ICOM, TX

MASTR II "E" SERIES MOBILE OPTIONS (Con't)

<u>OPTION</u>	<u>PUBLICATION</u>	<u>DESCRIPTION</u>
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	MID BAND ANTENNA
	LBI-30238*/DF4105	
	LBI-30240*/DF4105	
9135	NONE	DELETE 1-CG VERSATONE NETWORK
9136	LBI-30611/DF1100	MID BAND CROSSBAND
	LBI-30616/DF3155	
9201	SEE PRODUCT CODE (PC69)	DFE, MATCHING IF's
9202	SEE PRODUCT CODE (PC69)	DFE, NON MATCHING IF's
9203	LBI-4681/DF9031	L.B. WIDE SPACED TRANSMITTER (5PPM)
	LBI-4894/DF3180	
9204	LBI-4681/DF9031	L.B. WIDE SPACED TRANSMITTER (2PPM)
	LBI-4894/DF3160	
9205	LBI-4681/DF9031	DFE & WIDE SPACED TRANSMITTER
	LBI-4894/DF3180	
	SEE PRODUCT CODE (PC69)	
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-FREQUENCY
9212	LBI-30760/DF3156	MARINE HI-LO POWER, RADIO MOD. KIT, 12-FREQUENCY
9213	LBI-30760/DF3156	MARINE HI-LO POWER, RADIO MOD. KIT, DC CONVERTER 1-8 FREQUENCY
9214	LBI-30760/DF3156	MARINE HI-LO POWER, RADIO MOD. KIT, DC CONVERTER 12-FREQUENCY
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 INSTRUCTIONS

* INSTRUCTIONS PROVIDED AS PART OF
ASSOCIATED EQUIPMENT MANUAL

ERICSSON

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