

COMBINATION NOMENCLATURE

Digit 1	Digit 2	Digit 3	Digit 4	Digit 5	Digit 6	Digit 7	Digits 8 & 9
Mechanical Package	Operating Voltage	RF Power Output Range	Channel Spacing	Control	Number of Freqs.	Options	Frequency Range
D Desk Mate Station	T 117 VAC	4 8-26 watts	4 20 kHz	L Local Control	A 1 Freq. Tx 1 Freq. Rx	S Standard	11 25-33 MHz
P Pole Mount Station		5 16-38 watts	5 25 kHz	K Local/Remote DC Control	B 2 Freq. Tx 1 Freq. Rx	N Noise Blanker	22 33-42 MHz
V Floor Mount Station		6 38-64 watts	6 30 kHz	R Remote DC Control	C 2 Freq. Tx 2 Freq. Rx	U Channel Guard	33 42-50 MHz
		7 64-128 watts	7 40 kHz	Y Repeater	D 1 Freq. Tx 2 Freq. Rx	W Noise Blanker and Channel Guard	44 66-77 MHz
		8 128-256 watts	8 50 kHz	J Local/Remote Tone Control	E 3 Freq. Tx 3 Freq. Rx	P UHS Receiver	45 77-88 MHz
		9 over 256 watts	9 60 kHz	T Remote Tone Control	F 4 Freq. Tx 4 Freq. Rx	G UHS Receiver and Channel Guard	55 132-150.8 MHz
				U Remote/Repeater DC Control			66 150.8-174 MHz
			V Remote/Repeater Tone Control			77 406-420 MHz	
							88 450-470 MHz
							89 470-494 MHz
							91 494-512 MHz
							99 952-960 MHz

11000-6 (PC72)
Issue 2
May 1980

PUBLICATION INDEX MASTR[®]
PROFESSIONAL 72 STATIONS

PRODUCT CODE 72
MASTR PRO 72
Base stations

OPERATOR'S MANUAL

DIGIT 1	DIGIT 5
D	J,K,L

INSTALLATION/MAINTENANCE MANUAL
BINDER

COMBINATION MANUAL (GRAY)

DIGIT 1	DIGIT 3	DIGIT 5
D	4	K,J,L
D,P,V	4	R,T
D,P,V	4	Y,U,V
D	5,6,7	K,J
D	5,6,7	L
D,P,V	5,6,7	R,T
D,P,V	5,6,7	Y,U,V
V	8,9	R,T
V	8,9	Y,U,V

INSTALLATION MANUAL

DIGIT 1	DIGITS 8 & 9
D	ALL BUT 99
D	99
P	ALL BUT 99
P	99
V	ALL BUT 99
V	99

TRANSMITTER MANUAL (ORANGE)

DIGIT 3	DIGITS 8 & 9
7	11,22,33
9	11,22,33
5	44,45
7	55,66
5	55,66
9	55,66
5,7	77,88
5,6	89,91
8	88
4	99

RECEIVER MANUAL (BROWN)

DIGIT 4	DIGIT 7	DIGITS 8 & 9
4	S,U	11,22,33
4	S,U	44,45
4	N,W	11,22,33
7	S	11,22,33
7	S	44,45
6	S,U,P,G	55,66
6	N,W	55,66
9	S	55,66
5	S,U,P,G	77,88
5	S,U,P,G	89,91
8	S,P	77,88
8	S,U	99

CONVERTER MANUAL (GRAY)

DIGITS 8 & 9
99

POWER SUPPLY MANUAL (LIGHT BLUE)

DIGIT 3
4,5,6,7
8,9

CONTROL MANUAL (DARK BLUE)

DIGIT 5
J,K,R,T,U,V,Y

LBI3516

ECP200

LBI4606/DF9023
LBI4607/DF9023
LBI4608/DF9023
LBI4522/DF9032
LBI3568/DF9014
LBI4518/DF9032
LBI4521/DF9032
LBI4524/DF9032
LBI4523/DF9032

LBI4597/DF9032
LBI4603/DF9023
LBI4598/DF9032
LBI4604/DF9023
LBI4599/DF9032
LBI4605/DF9023

LBI3927/DF3122
LBI3926/DF3121
LBI4100/DF3060
LBI3948/DF3123
LBI4267/DF3125
LBI3869/DF3124
LBI3869/DF3124
LBI3615/DF3061
LBI4000/DF3136
LBI4430/DF3136
LBI4000/DF3136
LBI4940/DF3159
LBI4084/DF3136

LBI4123/DF1095
LBI3947/DF1097
LBI4124/DF1095
LBI4125/DF1095
LBI3974/DF1097
LBI3867/DF1094
LBI4034/DF1094
LBI4170/DF1094
LBI3999/DF1086
LBI4434/DF1086
LBI4043/DF1086
LBI4085/DF1086

LBI4082/DF9023

LBI4323/DF0060
LBI4323/DF0060
LBI3610/DF0036

LBI4490/DF4096

MASTR® PROFESSIONAL 72 STATION OPTIONS (PC72)

OPTION	PUBLICATION	DESCRIPTION
3457	None	Decal
3551	LBI4566/DF9014	Pole-Mount Cabinet Heater
7044	LBI4323*/DF0060	120 Watt Input
	LBI4000*/DF3136	
	LBI3998*/DF3126	
7045	LBI3615*/DF3061	250 Watt Station
7069	SEE TX MAN.	2-Tone Channel Guard
7097	None	Military Mike Mtg. Kit
7104	LBI3844	Post Limiter Filter Kit
7309	LBI4266/DF3125	2 PPM ICOM
7310	LBI4266/DF3125	2 PPM ICOM
7311	LBI4266/DF3125	2 PPM ICOM
7312	LBI4266/DF3125	2 PPM ICOM
7313	LBI4266/DF3125	2 PPM ICOM
7314	LBI4266/DF3125	2 PPM ICOM
7315	LBI4266/DF3125	2 PPM ICOM
7316	LBI4266/DF3125	2 PPM ICOM
7317	LBI3980/DF3124	2 PPM ICOM
7318	LBI3980/DF3124	2 PPM ICOM
7319	LBI3980/DF3124	2 PPM ICOM
7320	LBI3980/DF3124	2 PPM ICOM
7321	LBI3980/DF3124	2 PPM ICOM
7322	LBI3980/DF3124	2 PPM ICOM
7323	LBI3980/DF3124	2 PPM ICOM
7324	LBI3980/DF3124	2 PPM ICOM
7325	LBI3980/DF3124	2 PPM ICOM
7326	LBI3980/DF3124	2 PPM ICOM
7327	LBI3980/DF3124	2 PPM ICOM
7328	LBI3980/DF3124	2 PPM ICOM
7329	LBI3980/DF3124	2 PPM ICOM
7330	LBI3980/DF3124	2 PPM ICOM
7331	LBI3980/DF3124	2 PPM ICOM
7332	LBI3980/DF3124	2 PPM ICOM
7335	None	ICOM Conversion
7336	None	ICOM Conversion
7337	None	UHF Receiver
7338	LBI4256/DF9023	Remote Radio Control Kit
7339	LBI4256/DF9023	Remote Radio Control Kit
7340	LBI4256/DF9023	Remote Radio Control Kit
7341	None	2 PPM ICOM
7342	None	2 PPM ICOM
7343	None	2 PPM ICOM
7344	None	2 PPM ICOM
7369	LBI4490*/DF4096	Power Line Protector Kit
7370	LBI4490*/DF4096	Phone Line Protector Kit
7371	LBI4490*/DF4096	4-Wire Audio Kit
7372	LBI4490*/DF4096	4-Wire Audio Kit
7391	LBI4172/DF0060	2nd. Rx Without Multicoupler
7392	LBI4172/DF0060	2nd. Rx Without Multicoupler
7393	LBI4172/DF0060	2nd. Rx Without Multicoupler
7394	LBI4172/DF0060	2nd. Rx Without Multicoupler
7426	LBI3867/DF1094	Paging Transmitter
	LBI3999/DF1086	
7442	LBI4909/DF9025	Remote Keying for Repeat
7449	LBI4660/DF5035	Type 99 Decoder
7450	LBI4660/DF5035	Type 99 Decoder
7452	LBI4490*/DF4096	Intercom Kit
7453	LBI4490*/DF4096	Line Compensation Kit
7454	LBI4490*/DF4096	Tone Repeat Disable
7455	LBI4589/DF9032	E & M Signaling Kit
7456	LBI4490*/DF4096	Repeat Disable (DC)
7457	LBI4490*/DF4096	Repeat Disable (DC)

OPTION	PUBLICATION	DESCRIPTION
7458	LBI4050/DF8401	PSLM
7460	LBI4050/DF8401	PSLM
7462	LBI4591/DF9032	Radio Control Station Kit
7463	LBI4591/DF9032	Radio Control Station Kit
7464	LBI4591/DF9032	Radio Control Station Kit
7465	LBI4591/DF9032	Radio Control Station Kit
7466	LBI4586/DF5032	Shared Repeater
7470	None	Military Mike for DM
7471	LBI3702/DF8385	Handset With CG
7472	LBI4490*/DF4096	CG ON-OFF (Tone)
7473	LBI4490*/DF4096	CG ON-OFF, Repet Disable
7474	LBI4490*/DF4096	Squelch Level Control
7475	LBI4490*/DF4096	Auxiliary Control (1 Func.)
7476	LBI4490*/DF4096	Auxiliary Control (2 Func.)
7477	LBI4490*/DF4096	Auxiliary Control (1 Func.)
7478	LBI4490*/DF4096	Auxiliary Control (2 Func.)
7482	LBI4172*/DF0060	2nd. Rx With Multicoupler
	LBI4216*/DF8388	
	LBI4490*/DF4096	
7483	LBI4172*/DF0060	2nd. Rx With Multicoupler
	LBI4216*/DF8388	
	LBI4490*/DF4096	
7484	LBI4172*/DF0060	2nd. Rx With Multicoupler
	LBI4216*/DF8388	
	LBI4490*/DF4096	
7485	LBI4172*/DF0060	2nd. Rx With Multicoupler
	LBI4216*/DF8388	
	LBI4490*/DF4096	
7486	LBI4172*/DF0060	2nd. Rx With Multicoupler
	LBI4216*/DF8388	
	LBI4490*/DF4096	
7487	LBI4172*/DF0060	2nd. Rx With Multicoupler
	LBI4216*/DF8388	
	LBI4490*/DF4096	
7488	LBI4172*/DF0060	2nd. Rx Without Multicoupler
	LBI4490*/DF4096	
7489	LBI4172*/DF0060	2nd. Rx Without Multicoupler
	LBI4490*/DF4096	
7490	LBI4172*/DF0060	2nd. Rx Without Multicoupler
	LBI4490*/DF4096	
7491	LBI4172*/DF0060	2nd. Rx Without Multicoupler
	LBI4490*/DF4096	
7492	LBI4172*/DF0060	2nd. Rx Without Multicoupler
	LBI4490*/DF4096	
7493	LBI4172*/DF0060	2nd. Rx Without Multicoupler
	LBI4490*/DF4096	
7494	LBI4172*/DF0060	2nd. Rx Without Multicoupler
	LBI4490*/DF4096	
7495	LBI4172*/DF0060	2nd. Rx Without Multicoupler
	LBI4490*/DF4096	
7496	LBI4172*/DF0060	2nd. Rx Without Multicoupler
	LBI4490*/DF4096	
7497	LBI4172*/DF0060	2nd. Rx Without Multicoupler
	LBI4490*/DF4096	
7502	LBI3664/DF5027	2-Tone CG Encoder
	LBI3660/DF5027	
7503	LBI3664/DF5027	3-Tone CG Encoder
	LBI3660/DF5027	
7504	LBI3664/DF5027	4-Tone CG Encoder
	LBI3660/DF5027	

OPTION	PUBLICATION	DESCRIPTION
7505	LBI3664/DF5027	5-Tone CG Encoder
	LBI3660/DF5027	
7506	LBI3664/DF5027	6-Tone CG Encoder
	LBI3660/DF5027	
7511	LBI4125/DF1095	Single Freq. RX (Wide Band)
7512	LBI4125/DF1095	Single Freq. RX (Wide Band)
7513	LBI4125/DF1095	Single Freq. RX (Wide Band)
7514	LBI3974/DF1097	Single Freq. RX (Wide Band)
7515	LBI3974/DF1097	Single Freq. RX (Wide Band)
7516	LBI4170/DF1094	Single Frequency RX
7517	LBI4170/DF1094	Single Frequency RX
7541	LBI4223	Single Frequency RX
7542	LBI4223	Single Frequency RX
7543	LBI4223	Single Frequency RX
7544	LBI3947/DF1097	Single Frequency RX
7545	LBI3947/DF1097	Single Frequency RX
7546	LBI3867/DF1094	Single Frequency RX
7547	LBI3867/DF1094	Single Frequency RX
7548	LBI4043/DF1086	Single Frequency RX
7549	LBI4043/DF1086	Single Frequency RX
7552	LBI3660/DF5027	2-Tone CG Encoder
	LBI3664/DF5027	
7553	LBI3660/DF5027	3-Tone CG Encoder
	LBI3664/DF5027	
7554	LBI3660/DF5027	4-Tone CG Encoder
	LBI3664/DF5027	
7555	LBI3660/DF5027	5-Tone CG Encoder
	LBI3664/DF5027	
7556	LBI3660/DF5027	6-Tone CG Encoder
	LBI3664/DF5027	
7561	LBI4123/DF1095	Single Frequency RX
7562	LBI4123/DF1095	Single Frequency RX
7563	LBI4123/DF1095	Single Frequency RX
7564	LBI3947/DF1097	Single Frequency RX
7565	LBI3947/DF1097	Single Frequency RX
7566	LBI3867/DF1094	Single Frequency RX
7567	LBI3867/DF1094	Single Frequency RX
7606	None	Stepdown Transformer
7608	None	Stepdown Transformer
7609	LBI3753/DF9014	Station Test Meter Panel
7610	LBI4093/DF4072	Carrier Operated Relay
7611	None	60 Watt CB Input
7612	None	High Band TX for Part 81
7613	LBI4100/DF3060	300 Watt Low Band TX
7615	LBI4260	Low Band TX for Part 81
7616	None	30 Watt Input for RCC
7631	None	Decal
7646	LBI4586/DF5032	Tone Channel
7648	LBI3753/DF9014	TX Metering Cover
7649	LBI3753/DF9014	RX Metering Cover
7667	LBI3971/DF8388	High-Band Duplexer
7668	LBI3971/DF8388	High-Band Duplexer
7671	LBI3971/DF8388	Lo-Band Duplexer
7672	LBI3971/DF8388	High-Band Duplexer
7676	LBI4050/DF8401	PSLM
7677	LBI4050/DF8401	PSLM
7685	LBI4300/DF9026	Local Control With Voting

OPTION	PUBLICATION	DESCRIPTION
7686	LBI4300/DF9026	Local Control With Voting
7690	LBI30002/DF9025	Voting Selector RX Module
7701	LBI3702/DF8385	Handset Without CG
7702	LBI3702/DF8385	Handset With CG
7704	None	Hi-Band RF Gain Control
7705	None	Military Mike for DM
7706	None	Military Mike for DM
7711	LBI3839/DF5035	Sel Call Desk Stand
7712	LBI4172*/DF0060	2nd. RX Without Multicoupler
7713	LBI4172*/DF0060	2nd. RX Without Multicoupler
7718	LBI3955/DF9014	Blower Kit
7719	LBI3957/DF9014	Blower Kit
7721	LBI4172*/DF0060	2nd. RX Without Multicoupler
7722	LBI4172*/DF0060	2nd. RX Without Multicoupler
7742	LBI4046/DF5036	Digital Decoder
7743	LBI4046/DF5036	Digital Decoder
7744	LBI4046/DF5036	Digital Decoder
7749	See TX Manual	TX Only Channel Guard
7751	None	Duplexer
7753	None	450 Duplexer
7757	LBI4624/DF9026	Remote Control With Voting
7758	LBI4625/DF9026	Remote Control With Voting
7759	LBI4624/DF9026	Remote Control With Voting
7760	LBI4625/DF9026	Remote Control With Voting
7761	LBI4624/DF9026	Remote Control With Voting
7762	LBI4623/DF9026	Repeater With Voting
7763	LBI4623/DF9026	Repeater With Voting
7765	LBI4683/DF5036	Repeater Digital Decoder
7766	LBI4683/DF5036	Repeater Digital Decoder
7768	LBI4573/DF5031	Type 90 Repeater Control
7776	None	Aux. AC Power Supply
7777	None	Add-On Relay Kit
7778	None	Add-On Relay Kit
7779	None	Add-On Relay Kit
7811	LBI4125/DF1095	Single Freq. RX (Wide Band)
7812	LBI4125/DF1095	Single Freq. RX (Wide Band)
7813	LBI4125/DF1095	Single Freq. RX (Wide Band)
7814	LBI3974/DF1097	Single Freq. RX (Wide Band)
7815	LBI3974/DF1097	Single Freq. RX (Wide Band)
7816	LBI4170/DF1094	Single Frequency RX
7817	LBI4170/DF1094	Single Frequency RX
7818	LBI4043/DF1086	Single Frequency RX
7819	LBI4043/DF1086	Single Frequency RX
7831	LBI3867/DF1094	Single Frequency RX
7832	LBI3867/DF1094	Single Frequency RX
7833	LBI3867/DF1094	Single Frequency RX
7834	LBI3867/DF1094	Single Frequency RX
7841	LBI4123/DF1095	Single Frequency RX
7842	LBI4123/DF1095	Single Frequency RX
7843	LBI4123/DF1095	Single Frequency RX
7844	LBI3947/DF1097	Single Frequency RX
7845	LBI3947/DF1097	Single Frequency RX
7846	LBI3867/DF1094	Single Frequency RX
7847	LBI3867/DF1094	Single Frequency RX
7848	LBI4043/DF1086	Single Frequency RX

OPTION	PUBLICATION	DESCRIPTION
7849	LBI4043/DF1086	Single Frequency RX
7851	LBI4124/DF1095	Noise Blanker
7852	LBI4124/DF1095	Noise Blanker
7853	LBI4124/DF1095	Noise Blanker
7856	LBI4034/DF1094	Single Frequency RX
7857	LBI4034/DF1094	Single Frequency RX
7861	LBI4123/DF1095	Single Frequency RX
7862	LBI4123/DF1095	Single Frequency RX
7863	LBI4123/DF1095	Single Frequency RX
7864	LBI3947/DF1097	Single Frequency RX
7865	LBI3947/DF1097	Single Frequency RX
7866	LBI3867/DF1094	Single Frequency RX
7867	LBI3867/DF1094	Single Frequency RX
7881	LBI4124/DF1095	Single Frequency RX
7882	LBI4124/DF1095	Single Frequency RX
7883	LBI4124/DF1095	Single Frequency RX
7886	LBI4034/DF1094	Single Frequency RX
7887	LBI4034/DF1094	Single Frequency RX
7901	LBI4518*/DF9032	Line Voltmeter Kit
	LBI4521*/DF9032	
	LBI4523*/DF9032	
	LBI4524*/DF9032	
7902	EBI41921/DF9032	Blower Kit
7941	LBI4434/DF1086	UHF Narrow Band
	LBI3847/DF1086	
7942	LBI4434/DF1086	UHF Narrow Band
	LBI3847/DF1086	
7943	LBI3999/DF1086	UHF Preamplifier
	LBI4434/DF1086	
7944	LBI3999/DF1086	UHF Preamplifier
	LBI4434/DF1086	
7945	LBI3999/DF1086	UHF Channel Guard
	LBI4434/DF1086	
7946	LBI3999/DF1086	UHF Channel Guard
	LBI4434/DF1086	
7949	LBI3999/DF1086	UHF Pre-Amp With CG
	LBI4434/DF1086	
7950	LBI3999/DF1086	UHF Pre-Amp With CG
	LBI4434/DF1086	
7982	LBI4216/DF8388	Receiver Multicoupler
7983	None	Coaxial
9544	LBI4490*/DF4096	Extender Board

LEGEND:

NONE= NO INSTRUCTION
 *= INSTRUCTIONS
 PROVIDED AS PART
 OF ASSOCIATED
 EQUIPMENT MANUAL

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 WORLD HEADQUARTERS • LYNCHBURG VIRGINIA 24502 U.S.A.

