

COMBINATION NOMENCLATURE

Digit 1 & 2	Digit 3	Digit 4	Digit 5	Digit 6	Digit 7	Digit 8	Digit 9	Digit 10
Product Line	RF Power Output	Channel Spacing	Control	Number Xmit Freq.	Options	Number Rec. Freq.	Freq. Range Front End 1	Freq. Range Front End 2
P6 Personal Series	4 0.8-1.6 Watts	4 20 kHz	R Local/Remote	A 1 - Freq. Xmit	S Standard	A 1 - Freq. Rec.	A 29.7 - 36 MHz	H 150.8-174 MHz
	5 1-3.8 Watts	5 25 kHz	K Local/Remote	B 2 - Freq. Xmit	W Channel Guard Encode/Decode	B 2 - Freq. Rec.	B 36 - 42 MHz	X No Dual Front End
	6 3.8-6.4 Watts	6 30 kHz	T 5 - Freq. Type 99	C 3 - Freq. Xmit	R 2-Tone Channel Guard Encoder	C 3 - Freq. Rec.	C 42 - 50 MHz	
			D Dual Front End	D 4 - Freq. Xmit	L Type 99 Individual Call	D 4 - Freq. Rec.	D 66 - 76 MHz	
				E 5 - Freq. Xmit	M Type 99 Individual & Group Call	E 5 - Freq. Rec.	E 75 - 88 MHz	
				F 6 - Freq. Xmit	B Type 90 Encode/Decode	F 6 - Freq. Rec.	G 130-150.8 MHz	
				G 7 - Freq. Xmit	C Type 90 Two-Tone Encode	G 7 - Freq. Rec.	H 150.8-174 MHz	
				H 8 - Freq. Xmit		H 8 - Freq. Rec.	K 406-420 MHz	
							L 420-450 MHz	
							M 450-470 MHz	
							N 470-494 MHz	
							P 494-512 MHz	

Issue 2

January 1984

11000-6 (PCP6)

**PUBLICATION INDEX
PERSONAL MPE SERIES**

GENERAL ELECTRIC COMPANY • MOBILE COMMUNICATIONS DIVISION
WORLD HEADQUARTERS • LYNCHBURG, VIRGINIA 24502 U.S.A.

GENERAL  ELECTRIC*
U.S.A.

* Trademark of General Electric Company U.S.A.
Printed in U.S.A.

OPERATOR'S MANUAL
BINDER
COMBINATION MANUAL (BLUE 7 WHITE)
DIGIT 5

R
K
D
T

LBI31221
ECP200

LBI31225
LBI31220
LBI31232
LBI31233

TRANSMITTER MANUAL (ORANGE)

DIGIT 3 DIGIT 9

2,4,5	A,B,C
6	A,B,C
5	D,E
6	D,E
2,4,5	H,G
6	H,G
2,4	K,M
5,6	K,M
4	N,P
5,6	N,P

LBI4610/DF3157
LBI30520/DF3168
LBI30182/DF3168
LBI31010
LBI4658/DF3157
LBI4528/DF3157
LBI4637/DF3169
LBI4918/DF3169
LBI4576/DF3169
LBI4918/DF3169

RECEIVER MANUAL (BROWN)

DIGIT 5 DIGIT 9

R,T	A,B,C
R,T	D,E
R,T	G
R,T	H
R,T	K,L,M
R,T	N,P
K	A,B,C
K	D,E
K	G
K	H
K	K,L,M
K	N,P
D	A,B,C
D	H,G
D	M,N,P

LBI4611/DF1115
LBI30184/DF1115
LBI4852/DF1102
LBI30000/DF1102
LBI4638/DF1116
LBI4577/DF1116
LBI4689/DF1115
LBI30188/DF1115
LBI4664
LBI30035/DF1102
LBI4639/DF1116
LBI4642/DF1116
LBI4780/DF1117
LBI4780/DF1117
LBI4780/DF1117

SYSTEM AND CASE MANUAL (BLUE)

DIGIT 5 DIGIT 9

R	A,B,C
R	D,E
R	H,G
R	K,L,M,N,P
K	A,B,C
K	D,E
K	H,G
K	K,L,M,N,P
D	A,B,C
D	H,G
D	M,N,P
T	A,B,C
T	D,E
T	H,G
T	K,L,M,N,P

LBI31228
LBI31234
LBI31227
LBI31226
LBI31224
LBI31235
LBI31223
LBI31222
LBI31237
LBI31238
LBI31242
LBI31239
LBI31236
LBI31240
LBI31241

TOPE OPTION MANUAL (GREEN)

DIGIT 5 DIGIT 7

R,K,D	W,R
T	B,C
	L
	L
	M
	S

LBI4870/DF5044
LBI4579/DF5044
LBI4682/DF5044
LBI4671/DF5044
LBI4679/DF5044
NONE

<u>OPTION</u>	<u>PUBLICATION</u>	<u>DESCRIPTION</u>
4043	None	Shop Serviced
4046	None	Customer Serviced
4176	None	4800 mAh Mercury Battery
4177	None	4800 mAh Mercury Battery (Spare)
4178	None	Leather Case w/o Swivel - used with external plug-in accessory & 4800 mAh battery.
4179	None	Leather Case with swivel mount - used with Multi-frequency, external plug-in accessory & 4800 mAh battery.
4180	None	Leather Case w/o swivel - used with Multi-frequency & 4800 mAh battery.
4181	None	Leather Case with swivel mount - used with Multi-frequency & 4800 mAh battery.
4182	None	Leather Case - used with DTMF encoder and 4800 mAh battery.
4183	None	Leather Case used with Multi-frequency, DTMF encoder & 4800 mAh battery.
4184	None	Battery Pack
4185	None	Speaker/Microphone with spring clip
4186	None	Intrinsically Safe Kit - Highband
4187	None	Intrinsically Safe Kit - UHF
4193	None	Headset, Bone Conducting
4197	LBI4870/DF5044	Channel Guard one tone encode w/tone disable.
4198	LBI30933/DF5050	GE-STAR Encoder (left side)
4199	LBI30933/DF5050	GE-STAR Encoder with swivel mount
4226	LBI4665/DF1102	High Sensitivity Rx, 150.8-174 MHz
4228	LBI4661/DF1102	High Sensitivity Rx, 138-150.8 MHz
4230	LBI4780/DF1117	High Sensitivity DFE Receiver
4231	LBI4780/DF1117	High Sensitivity DFE Receiver
4232	LBI4780/DF1117	High Sensitivity DFE Receiver
4233	LBI4780/DF1117	High Sensitivity DFE Receiver
4234	LBI4780/DF1117	High Sensitivity DFE Receiver
4235	LBI4780/DF1117	High Sensitivity DFE Receiver
4236	LBI4780/DF1117	High Sensitivity DFE Receiver
4237	None	Delete 700 mAh Battery Pack
4238	None	Add 700 mAh Battery Pack
4239	None	Swiss German Speaker Grill
4240	LBI30735/DF5044	Tone Pad (2-freq.)
4241	LBI30735/DF5044	Tone Pad (8-freq.)
4242	LBI30813/DF5050	GE-STAR Encoder
4243	LBI30813/DF5050	GE-STAR Encoder (Swivel Mount)
4244	LBI30813/DF5050	GE-STAR Spare Switch Assembly
4245	LBI30813/DF5050	GE-STAR Spare Switch (Right Side)
4251	LBI4721/DF8413	Search Lock Monitor
4252	LBI4721/DF8413	Search Lock Monitor, requires Optin 4463
4253	LBI4721/DF8413	Search Lock Monitor, requires Option 4464
4254	LBI30663/DF8413	Automatic Monitor for CG
4264	LBI31299	Speaker/Microphone (coiled cord)
4265	LBI31299	Speaker/Microphone (Velcro hang up)
4266	LBI31299	Speaker/Microphone (spring clip hang up)
4267	LBI30878/DF8385	Speaker/Microphone 22" Cable (straight cord)
4268	LBI30878/DF8385	Speaker/Microphone 22" Cable (Velcro hang up)
4269	LBI30878/DF8385	Speaker/Microphone (spring clip hang up w/22" Cable)
4270	LBI30878/DF8385	18" Cable Speaker/Microphone/Antenna (button hang up)
4271	LBI30878/DF8385	18" Cable Speaker/Microphone/Antenna (Velcro hang up)
4272	LBI30878/DF8385	18" Cable Speaker/Microphone/Antenna (spring clip hang up)
4273	LBI30878/DF8385	Speaker/Microphone dust proof, coiled cord & spring clip hang up.
4276	LBI30878/DF8385	22" Armored Cable Speaker/Microphone/Antenna (button hang up)
4277	LBI30878/DF8385	22" Armored Cable Speaker/Microphone/Antenna (velcro hang up)
4278	LBI30878/DF8385	22" Armored Cable Speaker/Microphone/Antenna (spring clip hang up)

<u>OPTION</u>	<u>PUBLICATION</u>	<u>DESCRIPTION</u>
4279	LBI30878/DF8385	18" Armored Cable Speaker/Microphone/ Antenna (button hang up)
4280	LBI30878/DF8385	18" Armored Cable Speaker/Microphone/ Antenna (velcro hang up)
4281	LBI30878/DF8385	18" Armored Cable Speaker/Microphone/ Antenna (spring clip hang up)
4284	None	Leather Case used with external plug-in accessories (2-freq)
4285	None	Leather Case used with external plug-in accessories (8-freq)
4286	None	Swivel Mounted Leather Case used with external plug-in accessories (2-freq)
4287	None	Swivel Mounted Leather Case used with external plug-in accessories (8-freq)
4288	None	Swivel Mounted Leather Case used with external plug-in accessories & intrinsically Safe Battery (2-freq)
4289	None	Swivel Mounted Leather Case used with external plug-in accessories & intrinsically Safe Battery (8-freq)
4290	None	Leather Case used with external plug-in accessories & intrinsically Safe Battery (2-freq)
4291	None	Leather Case used with external plug-in accessories & intrinsically Safe Battery (8-freq)
4292	None	High Noise Headset w/Microphone (Hard hat)
4309	None	Lapel Mike w/PTT & Earpiece
4310	None	Lapel Mike w/Tape Switch & Earpiece
4312	LBI4486/DF8385	High Noise Headset w/Mike
4318	None	Regular Headset w/Mike & PTT
4321	None	Solid Whip Antenna
4322	None	Flex-Wire Antenna
4325	None	Spring Whip Antenna
4326	None	2" Spring Whip Antenna
4332	LBI31220*	Carrying Strap
	LBI31225*	Carrying Strap
	LBI31232*	Carrying Strap
	LBI31233*	Carrying Strap
4335	None	Velcro Pin Patch
4386	LBI31104	GE-STAR Encoder - Left Side
4387	LBI31104	GE-STAR Encoder - Swivel Mount
4406	LBI4575*/DF9024	Hand Strap
	LBI4640*	
	LBI4830*	
	LBI4709*	
4407	LBI4575*/DF9024	Carry Strap
	LBI4640*	
	LBI4830*	
	LBI4709*	
4409	None	Leather Case Unit with 1/3 A Battery
4410	None	Pouch for "AA" Spare Batteries
4412	None	Leather Case (2-freq)
4413	None	Leather Case (8-freq)
4414	None	Belt Clip & Rear Cover
4416	None	Rear Cover w/Belt Clip
4418	None	Add 500 mAh Battery Pack
4420	None	Delete "AA" Nickel Cadmium Battery
4421	LBI31220*	Nickel Cadmium "AA" Battery Pack
	LBI31225*	
	LBI31232*	
	LBI31233*	
4422	LBI31220*	Dry Battery Pack (AA)
	LBI31225*	
	LBI31232*	
	LBI31233*	
4423	LBI31220*	Alkaline Battery Pack
	LBI31225*	
	LBI31232*	
	LBI31233*	

<u>OPTION</u>	<u>PUBLICATION</u>	<u>DESCRIPTION</u>
4424	LBI31220*	"AA" Mercury Pack
	LBI31225*	
	LBI31232*	
	LBI31233*	
4425	LBI31220*	Spare Mercury
	LBI31225*	
	LBI31232*	
	LBI31233*	
4426	None	"C" Pack Belt Mount
4427	None	1/3 A Rechargeable Battery Pack
4429	See Applicable System Manual*	Antenna Assembly
4430	None	Delete Antenna
4433	None	Delete Speaker/Mike
4434	None	Spring Whip Antenna
4435	LBI4251/DF0069	Desk Charger (4EP71A11)
4436	LBI4251/DF0069	Desk Charger (4EP71A10) w/Ext. Antenna
4437	LBI4251/DF0069	Delux Desk Charger (4EP71A12)
4440	LBI4255/DF0069	Fast Charger (4EP73A10)
4441	LBI4255/DF0069	Fast Charger (4EP73A11)
4445	LBI4251/DF0069	Multi-Unit Charger (4EP68A10)
4446	LBI4251/DF0069	Slave Unit
4447	LBI4251/DF0069	Rack Charger (4EP68A11)
4450	None	Cable Accessory
4451	LBI4259/DF0069	-12 VDC Vehicular Charger (4EP72C10)
4452	LBI4259/DF0069	+12 VDC Vehicular Charger (4EP72C11)
4453	LBI4259/DF0069	+24 VDC Vehicular Charger (4EP72C11)
4454	LBI4259/DF0069	+36 VDC Vehicular Charger (4EP72C11)
4455	LBI4259/DF0069	+48 VDC Vehicular Charger (4EP72C11)
4456	LBI4259/DF0069	+72 VDC Vehicular Charger (4EP72C11)
4457	LBI4358/DF0068	1/2 Watt Speaker (4EZ16A22)
4458	LBI4259/DF0069	Mobile Package 1/2 Watt Speaker
4459	LBI4259/DF0069	Mobile Package 10 Watt Speaker (4EZ18A13)
4461	LBI31227*	Compressor
4462	See Applicable Receiver Manual*	Channel Guard Filter
4463	LBI4375/DF5044	Channel Guard, 2-Tone w/Automatic Selection
4464	LBI4375/DF5044	Type 90, 2-Tone Encode w/Automatic Selection
4465	LBI4261/DF10008	Test Regulator & Cables
4466	LBI4261*/DF10008	Antenna Adapter Cable
4467	LBI4721/DF8413	Search Lock Monitor (requires Option 4463)
4468	LBI4721/DF8413	Search Lock Monitor
4469	None	Rechargeable Battery Pack for NYCTA
4470	LBI4870/DF5044	Channel Guard Encode (1) Tone
4471	None	0.1 Watt Output
4472	LBI4579/DF5044	Type 90 Encode (1) Tone
4473	LBI30627/DF8413	Alternate IF Kit (23 MHz)
4474	LBI4579/DF5044	Type 90 Encode (1) Tone (T Package)
4475	LBI4658*/DF3157	1 Watt Output
4476	None	3 Watt Input
4478	None	Delete Receiver SICOM
4479	None	Delete Transmitter SICOM
4480	None	2-Freq. Swivel Back Cover
4481	None	8-Freq. Swivel Back Cover
4482	See Applicable Receiver Manual*	Channel Guard Filter
4483	LBI4486/DF3155	Speaker/Mike/Antenna, Armored Cable & Velcro Patch
4484	LBI4486/DF3155	Speaker/Mike/Antenna, Vinyl Cable & Velcro Patch
4485	LBI4486/DF3155	Speaker/Mike/Antenna, Armored Cable & Hang Up Button
4486	LBI4486/DF3155	Speaker/Mike/Antenna, Vinyl Cable & Hang Up Button
4487	LBI30416/DF8413	Carrier Control Timer
4490	None	Battery Pack
4491	None	Swivel Mount Leather Case (2-freq)
4492	None	Swivel Mount Leather Case (8-freq)
4493	None	Swivel Mount Belt Loop

<u>OPTION</u>	<u>PUBLICATION</u>	<u>DESCRIPTION</u>
4494	LBI4950/DF8418	Carrier Control Timer
4495	LBI4870/DF5044	Channel Guard Encode - Decode
4496	LBI4682/DF5044	RCC Package
4497	None	Swiss/German (2-freq)
4498	None	Swiss/German (8-freq)
4499	None	Lease Decal
4503	None	Cross-band Operation
4504	None	Cross-band Operation
4505	None	Cross-band Operation
4506	None	Cross-band Operation
4522	None	High Power Mid-band & High Split Receiver
4523	None	High Power Mid-band & Low Split Receiver
4524	None	High Power Mid-band & High Split Receiver
4525	None	High Power Mid-band & Low Split Receiver
4526	None	High Power Mid-band & High Split Receiver
4527	None	High Power Mid-band & Low Split Receiver
4528	None	High Power Mid-band & High Split Receiver
4529	None	High Power Mid-band & Low Split Receiver
4626	None	Leather Case w/Swivel (8-freq) Unit with Intrinsically Safe Battery
4627	None	Leather Case w/Swivel (2-freq) Unit with Intrinsically Safe Battery
4628	None	Leather Case w/o Swivel (8-freq) Unit with Intrinsically Safe Battery
4629	None	Leather Case w/o Swivel (2-freq) Unit with Intrinsically Safe Battery
4636	LBI4721/DF8413	Search Lock
4637	LBI30080/DF1110	Test Regulator (4EX19A10)
4638	LBI30627	23 MHz IF for Standard, Remote & 5 freq.
4639	LBI30627	23 MHz IF for Extended Remote only, & Extended Control
4640	LBI30627	23 MHz IF for Dual Front End
4669	None	Intrinsically Safe Battery Kit (Highband)
4670	None	Intrinsically Safe Battery Kit (UHF)
4671	None	Intrinsically Safe Battery Kit (Battery only)
4673	LBI30628/DF5044	Alternate IF Kit (20.2 MHz)
4675	LBI4870/DF5044	Channel Guard Encode 1-Tone 5 Freq w/Type 99 Tone
4676	LBI4721	Search Lock Monitor & DFE
4677	LBI4721	Search Lock Monitor with 2-Tone Encode & DFE
4678	LBI4721	Search Lock Monitor with T90 Encode-Decode
4679	LBI4721	Search Lock Monitor & Channel Guard with DFE
4696	LBI4721	Search Lock Monitor
4697	LBI4721	Search Lock Monitor & Channel Guard Encode- Decode
4705	LBI31107	Synthesized Multi-Tone Channel Guard with Auto Select Encode
4706	LBI31107	Synthesized Multi-Tone Channel Guard - Manual Select Encode
4707	LBI31107	Synthesized Multi-Tone Channel Guard with Auto Select Encode & Decode
4708	LBI31107	Synthesized Multi-Tone Channel Guard with Manual Select Encode & Decode
4742	None	Leather Case for Plug-in Accessories
4743	None	Leather Case for Multi-frequency Units
4744	None	Leather Case - Swivel Mount
4745	None	Leather Case - Swivel Mount
4746	None	Leather Case - Swivel Mount
4747	None	Leather Case - Swivel Mount
4748	None	Leather Case for Multi-frequency
4749	None	Leather Case - Swivel Mount

LEGEND: NONE = NO INSTRUCTION

* = INSTRUCTIONS PROVIDED
AS PART OF ASSOCIATED