

PUBLICATION INDEX PERSONAL PE SERIES

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
PE Personal Series	2 100 - 700 Milliwatts	4 20 kHz	R Local/Remote	A 1 - Freq. Xmit	S Standard	A 1 - Freq. Rec.	A 29.7 - 36 MHz	A 29.7 - 36 MHz
	4 0.8-1.6 Watts	5 25 kHz	Q Remote	B 2 - Freq. Xmit	W Channel Guard Encode/Decode	B 2 - Freq. Rec.	B 36 - 42 MHz	B 36 - 42 MHz
	5 1-3.8 Watts	6 30 kHz	K Local/Remote	C 3 - Freq. Xmit	R 2-Tone Channel Guard Encoder	C 3 - Freq. Rec.	C 42 - 50 MHz	C 42 - 50 MHz
	6 3.8-6.4 Watts		J Remote	D 4 - Freq. Xmit	B Type 90 Encoder/Decoder	D 4 - Freq. Rec.	D 66 - 76 MHz	H 150.8-174 MHz
			T 5 - Freq. Type 99	E 5 - Freq. Xmit	C Type 90 2-Tone Encoder	E 5 - Freq. Rec.	E 75 - 88 MHz	M 450-470 MHz
			D Dual Front End	F 6 - Freq. Xmit	L Type 99 Individual Call	F 6 - Freq. Rec.	G 130-150.8 MHz	N 470-494 MHz
				G 7 - Freq. Xmit	M Type 99 Individual & Group Call	G 7 - Freq. Rec.	H 150.8-174 MHz	P 494-512 MHz
				H 8 - Freq. Xmit		H 8 - Freq. Rec.	K 406-420 MHz	X No Dual Front End
							M 450-470 MHz	
							N 470-494 MHz	
							P 494-512 MHz	

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

GENERAL ELECTRIC
U.S.A.

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OPERATOR'S MANUAL
BINDER
COMBINATION MANUAL (P6 BLUE)

DIGIT 5

R,Q
J,K
D
T

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

RECEIVER MANUAL (BROWN)

DIGIT 5

DIGIT 9

R,Q,T

A,B,C

R,Q,T

D,E

R,Q,T

G

R,Q,T

H

R,Q,T

K,L,M

R,Q,T

N,P

J,K

A,B,C

J,K

D,E

J,K

G

J,K

H

J,K

K,L,M

J,K

N,P

D

A,B,C

D

H,G

D

M,N,P

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

Q

H,G

Q

K,L,M,N,P

J

H,G

J

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

TO NE OPTION MANUAL (GREEN)

DIGIT 5

DIGIT 7

W,R

B,C

L

L

M

S

R,Q,J,K,D
T

LBI4231
ECP200

LBI4575/DF9029
LBI4640/DF9029
LBI4830/DF9029
LBI4709/DF9029

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

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

LBI4612/DF4097
LBI30186/DF4097
LBI4666/DF4097
LBI4578/DF4110
LBI4770/DF4097
LBI4771/DF4097
LBI4772/DF4097
LBI4773/DF4097
LBI4693/DF4097
LBI30190/DF4109
LBI4662/DF4097
LBI4643/DF4110
LBI4759/DF4097
LBI4762/DF4097
LBI4764/DF4110
LBI4700/DF4097
LBI30193/DF4109
LBI4702/DF4097
LBI4704/DF4110

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

PE PERSONAL SERIES OPTIONS (PC71)

OPTION	PUBLICATION	DESCRIPTION
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	LBI4575*/DF9024	Add 700 mAh Battery Pack
	LBI4640*	
	LBI4830*	
	LBI4709*	
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 Option 4463
4253	LBI4721/DF8413	Search Lock Monitor, requires Option 4464
4254	LBI30663/DF8413	Automatic Monitor for CG
4264	LBI30878/DF8385	Speaker/Microphone (coiled cord)
4265	LBI30878/DF8385	Speaker/Microphone (Velcro hang up)
4266	LBI30878/DF8385	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.

<u>OPTION</u>	<u>PUBLICATION</u>	<u>DESCRIPTION</u>
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)
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	LBI4575*/DF9024	Carrying Strap
	LBI4640*/DF9024	Carrying Strap
	LBI4830*/DF9024	Carrying Strap
	LBI4709*/DF9024	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	LBI4575*/DF9024	Leather Case (2-freq)
4413	LBI4640*/DF9024	Leather Case (8-freq)
	LBI4830*	
	LBI4709*	
4414	None	Belt Clip & Rear Cover
4416	None	Rear Cover w/Belt Clip
4418	LBI4575*/DF9024	Add 500 mAh Battery Pack
	LBI4640	
	LBI4830	
	LBI4709	
4420	None	Delete "AA" Nickel Cadmium Battery

<u>OPTION</u>	<u>PUBLICATION</u>	<u>DESCRIPTION</u>
4421	LBI4575*/DF9024 LBI4640* LBI4830* LBI4709*	Nickel Cadmium "AA" Battery Pack
4422	LBI4575*/DF9024 LBI4640* LBI4830* LBI4709*	Dry Battery Pack (AA)
4423	LBI4575*/DF9024 LBI4640* LBI4830*	Alkaline Battery Pack
4424	LBI4575*/DF9024 LBI4640* LBI4830* LBI4709*	"AA" Mercury Pack
4425	LBI4575*/DF9024 LBI4640* LBI4830* LBI4709*	Spare Mercury
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	LBI4666*/DF4097	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	LBI4575*/DF9024	2-Freq. Swivel Back Cover
4481	LBI4640*/DF9024 LBI4830* LBI4709*	8-Freq. Swivel Back Cover

<u>OPTION</u>	<u>PUBLICATION</u>	<u>DESCRIPTION</u>
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	LBI4575*/DF9024	Swivel Mount Leather Case (2-freq).
4492	LBI4640*/DF9024	Swivel Mount Leather Case (8-freq).
	LBI4830*	
	LBI4709*	
4493	LBI4575*/DF9024	Swivel Mount Belt Loop
	LBI4640*	
	LBI4830*	
	LBI4709*	
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
4651	LBI4873/DF5044	Multiple Tone Channel Guard 1 Tone Encode, 1 Tone Decode
4652	LBI4873/DF5044	Multiple Tone Channel Guard 2 Tone Encode, 2 Tone Decode
4653	LBI4873/DF5044	Multiple Tone Channel Guard 3 Tone Encode, 3 Tone Decode
4654	LBI4873/DF5044	Multiple Tone Channel Guard 4 Tone Encode, 4 Tone Decode
4655	LBI4873/DF5044	Multiple Tone Channel Guard 5 Tone Encode, 5 Tone Decode
4656	LBI4873/DF5044	Multiple Tone Channel Guard 1 Tone Encode, 1 Tone Decode
4657	LBI4873/DF5044	Multiple Tone Channel Guard 2 Tone Encode, 2 Tone Decode
4658	LBI4873/DF5044	Multiple Tone Channel Guard 3 Tone Encode, 3 Tone Decode
4659	LBI4873/DF5044	Multiple Tone Channel Guard 4 Tone Encode, 4 Tone Decode

<u>OPTION</u>	<u>PUBLICATION</u>	<u>DESCRIPTION</u>
4660	LBI4873/DF5044	Multiple Tone Channel Guard 5 Tone Encode, 5 Tone Decode
4661	LBI4873/DF5044	Multiple Tone Channel Guard Encode only, (1 Tone)
4662	LBI4873/DF5044	Multiple Tone Channel Guard Encode only, (2 Tones)
4663	LBI4873/DF5044	Multiple Tone Channel Guard Encode only, (3 Tones)
4664	LBI4873/DF5044	Multiple Tone Channel Guard Encode only, (4 Tones)
4665	LBI4873/DF5044	Multiple Tone Channel Guard Encode only, (5 Tones)
4667	LBI4870/DF5044	Channel Guard 2 Tone Encode & Decode (2-Freq)
4668	LBI4870/DF5044	Channel Guard 2 Tone Encode & Decode (8-Freq)
4669	LBI4575*/DF9024 LBI4640* LBI4830* LBI4709*	Intrinsically Safe Battery Kit (Highband)
4670	LBI4575*/DF9024 LBI4640* LBI4830* LBI4709*	Intrinsically Safe Battery Kit (UHF)
4671	LBI4575*/DF9024 LBI4640* LBI4830* LBI4709*	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
EQUIPMENT MANUAL