

Control Operator Commands

Control Op Command Prefix = _____

Macro Set Selection Commands

1	Select Macro Set 1	M1
2	Select Macro Set 2	M2
3	Select Macro Set 3	M3
4	Select Macro Set 4	M4
5	Select Macro Set 5	M5

Repeater Enable / Disable Commands

00	Enable Rptr Txmtr (& Site Alarm On)	RE
01	Disable Rptr Txmtr (& Site Alarm Off)	RD

Repeater Timer Commands

02	Enable Repeater Timer	TE
03	Disable Repeater Timer	TD
04	Select Long Repeater Timer	TL
05	Select Short Repeater Timer	TS
06	Cancel Repeater Timeout	TC
65	Disable Zero Hang Time	ZD
66	Enable Zero Hang Time	ZE

Access / Control Commands

07	Carrier for Access & All Commands	CA
08	Carrier for Access & User Cmds; CTCSS for Control Op Commands	PC
09	Carrier Access; CTCSS Commands	PU
10	CTCSS Access & All Commands	PL
52	Enable Touch-Tone Access	ME
53	Disable Touch-Tone Access	MD
61	Enable Kerchunker Filter	KE
62	Disable Kerchunker Filter	KD

User Command Enable / Disable Commands

11	Enable User Touch-Tone Commands	CE
12	Disable User Touch-Tone Commands	CD
41	Enable Touch-Tone Pad Test	TE
42	Disable Touch-Tone Pad Test	TD
63	Mute Touch-Tone Thru Repeater	TM
64	Unmute Touch-Tone Thru Repeater	TU

Link Enable / Disable Commands

13	Enable Link/Remote Base	LE
14	Disable Link/Remote Base	LD

Autopatch / Autodial Commands

19	Enable Autopatch	PE
20	Disable Autopatch	PD

27	Enable Long Distance	LE
28	Disable Long Distance	LD
21	Enable User Autodial	UE
22	Disable User Autodial	UD
47	Unlock User Autodial	AU
48	Lock User Autodial	AL
57	Unhide User Autodial	UU
58	Hide User Autodial	UH
23	Enable Emerg Autodial	EE
24	Disable Emerg Autodial	ED
60	Require Click Before Dial	NC
59	Allow Dial Without Click	XC
68	Allow Dial Without Click; Disable Phone# & Autodial Location Readback	NR

25	Enable Patch Timer	PT
26	Disable Patch Timer	PX
49	Disable Cover Tone	TD
50	Enable User's Cover Tone	TE
51	Cover Tone Always On	TA
69	Full-Duplex If User Selected	FD
80	Full-Duplex Always	FA
43	Manually Take Phone Offhook	-
44	Place Phone Onhook (hangup msg)	

Reverse Patch Commands

45	Enable Reverse Patch	XE
46	Disable Reverse Patch	XD
54	Mode 0: Phone line control	R0
55	Mode 1: Auto-ringout after 5 sec	R1
56	Mode 2: Auto. ringout w/o answer	R2
67	Mode 3: Phone-access paging and phone line control	R3

ID Commands

29	Select Pending ID 1	P1
30	Select Pending ID 2	P2
31	Select Pending ID 3	P3
32	Select Special ID	SP
33	Rotate Pending IDs 1-2-3	RP
34	Rotate Pending and Special IDs	RS

Tail Message Commands

35	Select Tail Message 1	T1
36	Select Tail Message 2	T2
37	Select Tail Message 3	T3
38	Turn Tail Message Off	TF

Site Alarm Enable / Disable Commands

00	RE	Enable Alarm (& Txmtr On)
	RE	
15	AD	Disable Alarm (& Txmtr Off)
	AD	

Speech Synthesizer Commands

16 Enable Speech Synthesizer SE
17 Turn Off Speech Synthesizer SD
39 Speech halted by user signal SI
40 Speech overrides user signal SO

Tone Panel Commands (If TNP Present)

81-88 Enable Tone 1-8 1E-8E
91-98 Disable Tone 1-8 1D-8D

Logic Low Courtesy Tone Select CT

70 Tone 0 No tone
71 Tone 1 Bumblebee
72 Tone 2 Yellow Jacket
73 Tone 3 Shooting Star
74 Tone 4 Comet
75 Tone 5 Stardust
76 Tone 6 Duncce Cap
77 Tone 7 Piano Chord
78 Tone 8 Boop
79 Tone 9 Beep

Initialize Command

18 Reset; Load Macro Set 1 -

USER COMMAND SUMMARY

Touch-Tone

Pad Test (prefix = _____) (sequence)
Access (prefix = _____) 0 [down] or 1 [up]
Unmute Sequence # (desired sequence)

Demo/Bulletin Board (prefix = _____)

Call Up Initial ID Message (prefix) 0
Call Up Forced ID Message (prefix) 1
Call Up Anxious ID Message (prefix) 2
Call Up Pending ID Message 1 (prefix) 3
Call Up Pending ID Message 2 (prefix) 4
Call Up Pending ID Message 3 (prefix) 5
Call Up Special ID Message (prefix) 6
Bulletin Board Message 1 (prefix) 7
Bulletin Board Message 2 (prefix) 8
Firmware Rev Announcement (prefix) *

User R/C Outputs (prefix = _____)

Force Output (prefix)(output #)(state)
state = 0 turn off [low tone returned]
1 turn on [high tone returned]
Interrogate (prefix)(output #)
[high or low tone returned indicating status]

Patch

Autopatch (prefix = _____) (phone#)
Activate Reverse Patch (command = _____) #
Extend Phone Timer (command = _____) #
Hang Up Patch (command = _____)

Patch Utility Prefix (pup) = _____
Answer Reverse Patch (pup)
Custom Hangup Code (pup)(3 keys; no # or D)
Patch Redial (pup) *
Patch Full-Duplex (pup) * 1
Patch Cover Tone (pup) * 2
Patch Timer Extend (pup) * 3

Link/Remote Base (prefix = _____)

(BCD or Fixed Freq)

Link On, Receive Only (prefix) 1
Link On, Rcv/Transmit (prefix) 2
Link Off (prefix) 3
Link Frequency (prefix) (mhtof)
Link Frequency (prefix)(m*htof)

Link/Remote Base (same prefix)

(FC-900 Link)

Link 1 On, Receive Only (prefix) 1
Link 1 On, Rcv/Transmit (prefix) 2
Link 1 Off (prefix) 3
Link 2 On, Receive Only (prefix) 4
Link 2 Off (prefix) 6
Swap Link 1/2 Bands (prefix) *
Link 1 Band Select (prefix) 1 x
Link 2 Band Select (prefix) 4 x

x = 0 1240 MHz (±12 MHz)
1 10 meter (±100 kHz)
2 2 meter (±600 kHz)
3 220 MHz (±1.6 MHz)
4 440 MHz (±5 MHz)
5 430 MHz (±5 MHz)
6 6 meter (±1 MHz)
7 420 MHz (±5 MHz)
8 1280 MHz (±12 MHz)
9 1290 MHz (±20 MHz)
A 1270 MHz (±20 MHz)
B 1270 MHz (±12 MHz)
C 1250 MHz (±12 MHz)

Link 1 Frequency (prefix)(mhtof)
Link 1 Frequency (prefix)(m*htof)
Link 1 Frequency (prefix) 1 (m*htof)
Link 2 Frequency (prefix) 4 (m*htof)

Emergency Autodial Call (prefix = _____) (loc)

0 _____
1 _____
2 _____
3 _____
4 _____
5 _____
6 _____
7 _____
8 _____
9 _____

Macro Set 1

RE RD NC XC NR
TE TD PT PX
TL TS TD TE TA
CA PC PU PL XE XD
ME MD R0 R1 R2 R3
CE CD T1 T2 T3 TF
TE TD RE AD
LE LD SE SD
PE PD SI SO
LE LD KE KD
UE UD TM TU
AU AL ZD ZE
UU UH FD AD
EE ED CT
P1 P2 P3 SP RP RS
UF 1 2 3 4 5 6 7
Link: OFF RCV XMT FREQ _____

Macro Set 2

RE RD NC XC NR
TE TD PT PX
TL TS TD TE TA
CA PC PU PL XE XD
ME MD R0 R1 R2 R3
CE CD T1 T2 T3 TF
TE TD RE AD
LE LD SE SD
PE PD SI SO
LE LD KE KD
UE UD TM TU
AU AL ZD ZE
UU UH FD AD
EE ED CT
P1 P2 P3 SP RP RS
UF 1 2 3 4 5 6 7
Link: OFF RCV XMT FREQ _____

Macro Set 3

RE RD NC XC NR
TE TD PT PX
TL TS TD TE TA
CA PC PU PL XE XD
ME MD R0 R1 R2 R3
CE CD T1 T2 T3 TF
TE TD RE AD
LE LD SE SD
PE PD SI SO
LE LD KE KD
UE UD TM TU
AU AL ZD ZE
UU UH FD AD
EE ED CT
P1 P2 P3 SP RP RS
UF 1 2 3 4 5 6 7
Link: OFF RCV XMT FREQ _____

Macro Set 4

RE RD NC XC NR
TE TD PT PX
TL TS TD TE TA
CA PC PU PL XE XD
ME MD R0 R1 R2 R3
CE CD T1 T2 T3 TF
TE TD RE AD
LE LD SE SD
PE PD SI SO
LE LD KE KD
UE UD TM TU
AU AL ZD ZE
UU UH FD AD
EE ED CT
P1 P2 P3 SP RP RS
UF 1 2 3 4 5 6 7
Link: OFF RCV XMT FREQ _____

Macro Set 5

RE RD NC XC NR
TE TD PT PX
TL TS TD TE TA
CA PC PU PL XE XD
ME MD R0 R1 R2 R3
CE CD T1 T2 T3 TF
TE TD RE AD
LE LD SE SD
PE PD SI SO
LE LD KE KD
UE UD TM TU
AU AL ZD ZE
UU UH FD AD
EE ED CT
P1 P2 P3 SP RP RS
UF 1 2 3 4 5 6 7
Link: OFF RCV XMT FREQ _____