

BUXcomm X1J4 X-1J/+ PARAMETERS

This section defines the function of the 26 parameters that the sysop can change remotely using the PARAMETERS command.

No.	Description of Parameter	LAN	BackBone*	Min	Max
1.	Max destination list entries	100	100	1	400
2.	Minimum quality for auto-updates	86	141	0	255
3.	HDLC (Radio, port 0) quality	86	141	0	255
4.	RS232 (crosslink, port 1) quality	255	255	0	255
5.	Initial value for obsolescence counter	9	9	0	255
6.	minimum obsolescence count for broadcast	5	5	1	255
7.	Auto-update broadcast interval	1800	900	0	65535
8.	Network "time-to-live" initializer	32	32	0	255
9.	Transport timeout (seconds)	180	180	5	600
10.	Transport level 4 maximum tries	3	3	2	127
11.	Transport level 4 ack delay(seconds)	2	2	1	60
12.	Transport level 4 busy delay (seconds)	60	60	1	1000
13.	Transport level 4 requested window size	4	4	1	127
14.	Level 4 Congestion control threshold	4	4	1	127
15.	No-activity timeout (Level 7 seconds)	1800	1800	0	65535
16.	Persistence threshold(P/256)	64	255	0	255
17.	Slot time (10ms increments)	10	1	0	127
18.	Link level 2 T1 timeout "FRACK" (seconds)	4	1	1	15
19.	Link level 2 TX window size "MAXFRAME"	2	3	1	7
20.	Link level 2 maximum tries (0=try forever)	11	15	0	127
21.	Link level 2 T2 timeout (10ms increments)	200	100	0	6000
22.	Link level 2 T3 timeout (10ms increments)	0	0	0	65535
23.	AX.25 level 2 digipeating (1=enabled)	0	0	0	1
24.	Validate callsigns (1=enabled)	0	0	0	1
25.	Station ID beacons (2=on, 1=active, 0=off)	2	1	0	2
26.	CQ broadcasts (1=enabled, 0=disabled)	1	1	0	1

* Backbone at 9600 baud