

Repeater User Commands

DTMF Code	Keypad	Description
727	RAR	Record and retain a short message
723	RAE	Record and erase a short message after Playback
7529	PLAY	Playback short message, if any stored
852	ULA	Unlink all linked ports, including Echo-Link
8463	TIME	Read back the current system time
3283	DATE	Read back the current system date
52	LA	Link all ports, Repeater will be audible on Port 2 and Port 3 etc.
512	L12	Link Port 1 and Port 2
8512	UL12	Unlink Port 1 from Port 2
513	L13	Link Port 1 and Port 3 (Echo-Link)
8513	UL13	Unlink Port 1 from Port 3
523	L23	Link Port 2 (2m Simplex) and Port 3 (Echo-Link)
8523	UL23	Unlink Port 2 from Port 3
866311	TONE11	Switch to port 1 courtesy tone one
866312	TONE12	Switch to port 1 courtesy tone two
866313	TONE13	Switch to port 1 courtesy tone three
866316	TONE14	Switch to port 1 courtesy tone four
866315	TONE15	Switch to port 1 courtesy tone five
866316	TONE16	Switch to port 1 courtesy tone six
866317	TONE17	Switch to port 1 courtesy tone seven
866318	TONE18	Switch to port 1 courtesy tone eight
866319	TONE19	Switch to port 1 courtesy tone nine
866310	TONE10	Switch to port 1 courtesy tone ten
831	TE1	Query Power Amplifier Temperature
832	TE2	Query System Ambient Temperature
228	ACV	Query AC line Voltage
797	PWR	Query power at Duplexer output into Band-pass Filter
72633	PAOFF	Switch to Low RF power, also automatic at AC power loss
7266	PAON	Switch to High RF power, also automatic at AC power loss restore

Readings are reasonably accurate, Low RF power reading has a 22% error and reads 13 Watt as supposed to 2.83 Watt. This is because of the non-linearity of the power Sensor. The ERP at the repeater side is approximately 635 Watt and the Simplex Transmitter is at approximately 6 W ERP.

Keypad Reference



Above DTMF commands will only work through the Repeater input. Valid as of 10/12/2009

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Changes may occur without prior notice!