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FIRMWARE INFORMATION RELEASE

Product:	MX800, TRB Series, MXD1500, S Series. BASE STATION/REPEATERS			
New Version:	3.5.8	Build 0x05	Previous version:	3.5.7
Release Date:	5/6/2007 14:30		EPROM size:	65312 bytes
Released By:	Anthony Chadd & Sonny Harmanto		Checksum:	EB95 ₁₆
Test By:	Steve Edwards	File Name	MX80350805.Bin	

Summary of Software Change(s) in this Release

New Feature

- ✓ Reverse burst detection. When the duration of the timer is set in MXTOOLS and a reverse burst is decoded (An RX CTCSS code with a 180 or 120 degrees phase shift or any subtone drop before the end of transmission), the receiver will ignore any RX CTCSS tone received for the set period of time. This then causes the receivers to mute its speaker and talk through audio path, before loss of a carrier is detected. Muting the speaker and talk through audio path eliminates unwanted noise squelch tail during loss of carrier detection. Note that mobile or handheld radio requires to transmit a reverse burst, or no CTCSS on tail.
MXTOOLS/MXD1500RSS v3.1.8000 is required to enable this feature

Summary of Bug fix up

- ✓ TX Timeout timer: Any radio self generated software PTT (i.e. Morse, Heartbeat ect.) is not resetting TX Timeout timer on software PTT off. The result is the first PTT transmit process will be ignored when the TX Timeout is set to 0 and the TX Timer DIP switch is enabled.