

MX800 BASE STATION SPECIFICATIONS

"High Performance Base Stations and Repeaters"

RF Power Output:	1W to 50W variable. 1W Option. 1W nominal UHF PA opt. 100W Option. 1W to 100W Variable,
Frequency	39-47MHz, 66-88MHz, 135-174MHz, 195-225MHz, 395-435MHz, 435-470MHz, 449-495MHz, 850-870MHz
Synthesis Method:	Non-mixing PLL. Fractional N synthesizer.
Modulation:	Direct FM two-point method.
System Deviation:	+/-5.0kHz max (WB), +/-2.5kHz max (NB)
Channel Spacing:	Programmable 25kHz/12.5kHz, Special on request.
Synthesizer Step Size:	12.5kHz, 10kHz, 6.25kHz or 5kHz.
Channels:	255 Software or switch selectable, 0-99 BCD or 255 Binary parallel selection.
Supply Voltage:	13.8 +/- 20%.
Power Consumption:	<500 mA receive, typ 460mA. 220mA opt. <10A for 50W TX RF output. <16A for 100W TX RF output.
Operating Temperature:	-30 to +60C (-22° to 140°F), -30 or -40C test option.
MX800 Size:	2RU Case, 325mm deep including fan.
Weight:	<9Kg
Standard LED indicators:	Power, RX, TX, CTCSS, Aux/Lock, Alarm.



AS4295-1995,
R&TTE EC Directive 1995/05/EC,
EN300 086 -1,2 (2001- 03),
EN 300 113, EN 301 489 - 1.5 (2002 - 08),
EN 60950 (2000),
RFS25, RFS26, RFS32,
TIA/EIA-603,
FCC CFR47 Parts 2, 15, 22, 74, 90, 80.475,
MIL-STD-810E (Parts thereof),
Industry Canada - RS119, RS182

The UNICOM logo features the word "UNICOM" in a bold, blue, serif font. The letters are stylized with horizontal lines passing through them, giving it a sense of motion or a modern, technological feel.

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