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In order to continually improve our products, Spectra Engineering Pty Ltd reserves the right to alter, without notice and at any time, the equipment and specifications described in this document.

All performance figures quoted are typical and are subject to normal manufacturing and service tolerances.

The purchaser is warned that statements made in this document may be inaccurate due to typographical or other errors or subsequent modifications of the product. While every care has been taken in the creation of this document, no warranty of accuracy or reliability is given in any advice or information contained in this document. The responsibility for any loss or damage whatsoever arising in any way or any representation, act or omission whether express or implied (including responsibility to any person by reason of negligence) is not accepted by Spectra Engineering Pty Ltd or any director, officer, agent or employee of Spectra Engineering Pty Ltd.

FCC Interference Warning

Note: The equipment has been tested and found to comply with the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial or residential environment. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with this instruction manual, may cause harmful interference to radio communication.

Record Of Changes

Any changes to this manual are recorded on this list. Replacement pages may be issued to you by Spectra Engineering from time to time. If any updates are issued, you will also receive a replacement for this page.

Date	Version	Chapter Changes	Pages Changed
May 1997	1.0	All - Initial Release	All
July 1997	1.1	MX800 Software	Software Only
Aug. 1997	1.2	DIP switch settings	Appendix C
		MX800 Configuration guide	Appendix D
Jan. 1998	1.3	Additional features added	
April 1998	2.0	General Revision	All
May 1998	2.01	Minor corrections	i,ii,iii,10,15
May 1998	2.02	Master doc	All
Oct 1998	2.03	Minor Corrections	i,ii,9,27,29,30,35
April 1999	3.0	Local control features added	All
Dec. 1999	3.1	Options chapter added	All
June 2000	4.0	Document reformatted	All
Aug 2000	4.01	MX800 Configuration Guide	70

SAFETY SUMMARY

Although there are no dangerous mains voltages present within the equipment, the following general safety precautions as would normally apply, should be observed during all phases of operation, service and repair of this equipment.

AROUND THE EQUIPMENT
To minimize any possible shock hazard from an external power supply or lightning strike, the chassis or equipment cabinet must be connected to an electrical ground. Provide adequate ventilation around the rear of the equipment.

DO NOT OPERATE IN AN EXPLOSIVE ATMOSPHERE
Do not operate the equipment in the presence of flammable gases or fumes. Operation of any electrical equipment in such an environment constitutes a definite safety hazard.

DO NOT ATTEMPT INTERNAL SERVICE WHILE TRANSMITTING
Thermal or RF burns may result from touching certain components within the power amplifier module while transmitting or operating the transmitter.

DO NOT SUBSTITUTE PARTS OR MODIFY THE EQUIPMENT
Because of the danger of introducing additional hazards, do not install substitute or lower voltage parts to the equipment. Return to your authorized distributor.

EXERCISE CAUTION AND CORRECT DISPOSAL OF RF POWER DEVICES
Most RF power transistors and some RF power hybrids contain Beryllium Oxide. Although they are normally safe, if physically damaged toxic dust may be released. Consult your local authority for correct disposal thereof.

WARRANTY CONDITIONS & PRECAUTIONS

The following conditions are not covered by the warranty of the MX800. Please ensure that the MX800 is not subject to;

1. Over voltage or Reverse Power Supply Voltage.

2. Operation in locations subject to abnormal environmental conditions such as extreme temperatures or ingress of moisture.

3. Operation of the MX800 Transmitter output into an open or short circuit or an incorrectly terminated load.

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