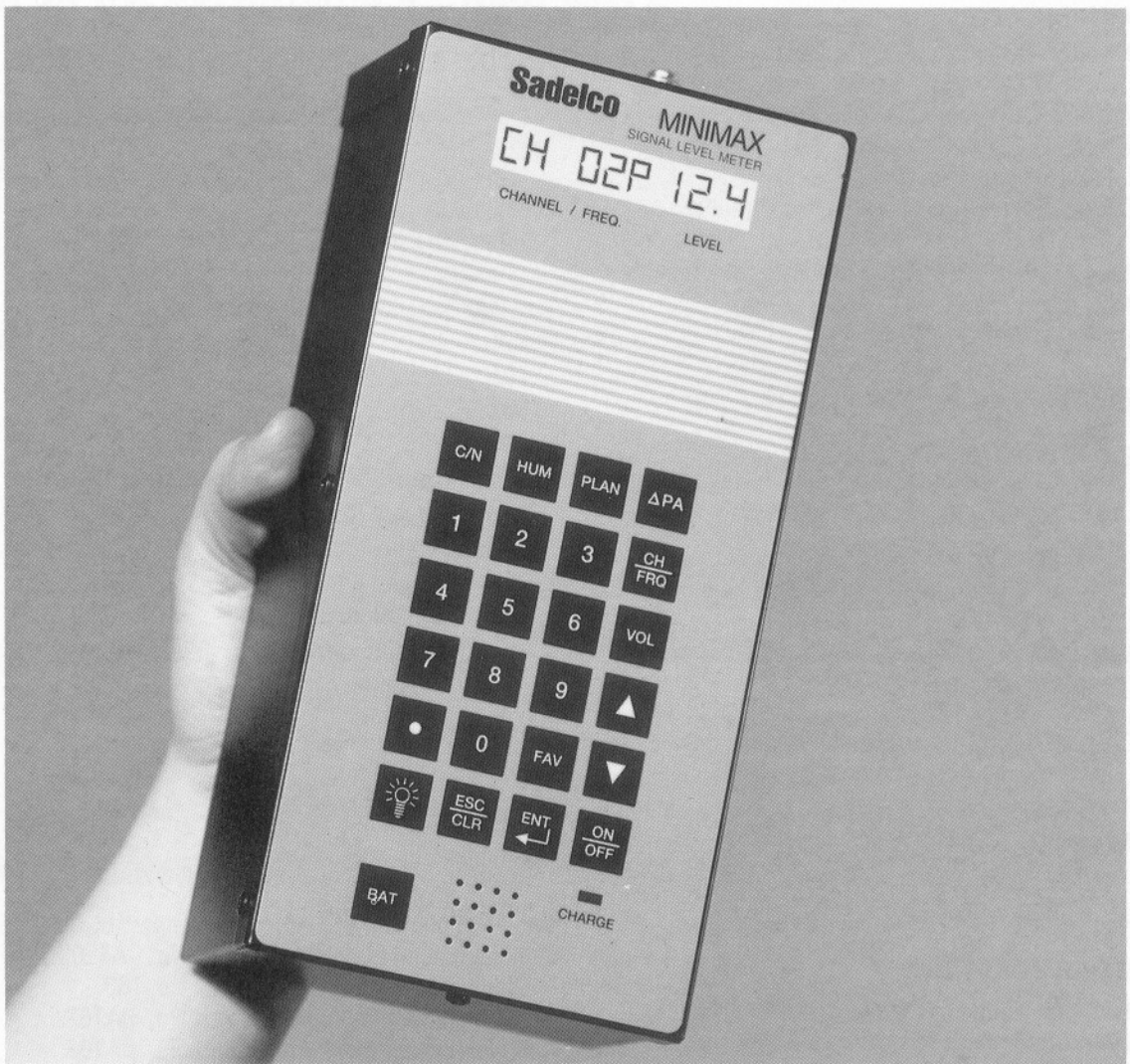


MINIMAX SERIES

Signal Level Meters

MODELS: MINIMAX VU
MINIMAX 600
MINIMAX 800

Peak Performance in the Palm of Your Hand!



☐ **Fast Digital Tuning**
Tunes by Channel Number and Frequency

☐ **±1 dB Accuracy**
-30 to +50 dBmV

☐ **Digital LCD Display**
Shows Level, Channel and Frequency

☐ **C/N and Hum**
Check Picture Quality

☐ **Autoranging Attenuator**
Eliminates Operator Error

☐ **Electronic Shut-Off**
Increases Time Between Charges

☐ **Waterproof Speaker**
With Adjustable Volume Control

☐ **Favorite Channel Programming**
For Frequently Tuned Channels

MINIMAX & MINIMAX-M SPECIFICATIONS

FREQUENCY RANGE:

MINIMAX VU & MVU	47 - 230 & 470 - 862 MHz
MINIMAX 600 & M600	47 - 600 MHz
MINIMAX 800 & M800	5 - 862 MHz

STANDARD CHANNEL PLANS:

MINIMAX VU, 600, 800:	EIA, HRC, IRC, AIR (VHF, UHF, FM)
MINIMAX MVU, M600, M800:	EIA, HRC, IRC, AIR (VHF, UHF, FM), MMDS
	<i>Custom Channel Plans available on request</i>

TUNING INCREMENTS:

Frequency Mode:	125 KHz
Channel Mode:	6, 7, or 8 MHz

FREQUENCY ACCURACY:

+/- 20 KHz

IF BANDWIDTH:

280 KHz at 3 dB points

ADJACENT CHANNEL REJECTION:

40 dB or better

FM SELECTIVITY:

Will distinguish 2 FM signals of similar amplitude 300 KHz apart

MEASUREMENT RANGE:

MINIMAX Models:	-30 to +50 dBmV (+30 to +110 dBuV)
MINIMAX-M Models:	-20 to +40 dBmV (+40 to +100 dBuV)

AMPLITUDE ACCURACY:

+/- 1.0 dB at 77° F
+/- 2.0 dB from 0 - 120° F

AUTO-CALIBRATION:

Each measurement computer corrected for level, attenuator setting and temp.

Internal Calibrator:	+/- 0.25 dB, 4.5-862 MHz White Noise Source
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AUTORANGING ATTENUATOR:

Range:	MINIMAX: 40 dB MINIMAX-M: 20 dB
Input:	75 ohm, user replaceable F81 connector <i>BNC available by special order</i>

DISPLAY:

ALL Models:

Digital LCD:	Indicates channel, frequency, and signal level in dBmV (switchable to dBuV)
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MINIMAX-M Models (only):

Analog Microammeter:	Indicates real time signal level for easy antenna orientation, +/- 1.5 dB
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MINIMAX & MINIMAX-M SPECIFICATIONS (Continued)

FEATURES:

Power Out:	Built-in battery provides switchable 18V at F connector for powering downconverters (<i>MINIMAX-M Models only</i>)
C/N:	Range >50 dB with external preselector, Accuracy +/- 2 dB
Hum:	0.5 - 5%, +/- 0.3%, detects all hum up to 600 Hz
Favorite Channels:	9 User Programmable Channels
ΔPA:	Calculates and displays difference between Picture and Audio levels of same channel
Audio:	Adjustable volume, waterproof mylar speaker
Illumination:	Switchable lights for both LCD and Microammeter
Battery Test:	Shows battery voltage and elapsed time
Power Supply:	Replaceable nicad packs provides >16hrs of normal intermittent use
Electronic Shutoff:	User adjustable; 5 min., 10 min., or continuous
Digital Measurement:	Measures average digital power

DIMENSIONS:

8.5" L x 4" W x 2.5" D (21 cm x 10 cm x 6 cm)	<i>Minimax</i>
8.5" L x 4" W x 3.0" D (21 cm x 10 cm x 7.6 cm)	<i>Minimax-M</i>

WEIGHT:

3.1 lbs, 1.4 Kg, (including case and batteries)	<i>Minimax</i>
4.5 lbs, 2.0 Kg, (including case and batteries)	<i>Minimax-M</i>

ACCESSORIES SUPPLIED:

Part No. CASE002	Water resistant cordura nylon case
Part No. CASE003	Deep case for extra MMDS batteries
Part No. T60	AC 110V Charger/Adaptor
Part No. BAT02	7 AA Cell Nicad Battery Pack (<i>Minimax</i>)
Part No. BAT03	8 AA Cell Nicad Battery Pack (<i>Minimax</i>)
Part No. BAT05	15 Sub C Cell Nicad Battery Pack (<i>Minimax-M</i>)
Part No. ST1003	Operator's Manual

OPTIONS:

Part No. SH2	Strand Hook
Part No. CH3	DC/DC Vehicle Charger/Adaptor
Part No. T60E	220/240V Charger/Adaptor

Specifications Subject to change without notice.