

# M-795 POWER

# POWER SERIES

**MULTI-STANDARD  
PROGRAMMABLE  
HIGH POWER (\*)  
CB MOBILE TRANSCEIVER**

**M-495 POWER  
MULTI-STANDARD PROGRAMMABLE  
HIGH POWER CB MOBILE TRANSCEIVER**

A new series of state-of-the-art CB (27 MHz) mobile transceivers, with advanced software and hardware design, specifically conceived for Citizen Band operators and for car & truck drivers. 10 band programmable multi standard circuit design, matching frequency & operating mode requirements of various countries. The new *POWER SERIES* family of CB radios is based on a new high power MOSFET transmitter circuit, rated at 20W RF maximum (International version) or at 4W RF maximum (European version). This new and exclusive circuit design makes this radio one of the most advanced and sophisticated mobile CB transceiver in the market. One radio only, ready for use in all the European countries !

**20W!**

**TRANSMITTER MAXIMUM  
RF OUTPUT POWER (\*)  
RATED AT 4W MAXIMUM  
FOR EUROPEAN VERSION**

**MULTI-STANDARD  
PROGRAMMABLE  
TECHNOLOGY**

**MOSFET  
TRANSMITTER**



**10 BANDS**

**ESP**

**LCR**

**RX/TX  
DIGITAL METER**

**SQUELCH +  
AS SQUELCH**

**EMG  
CH9/19**

**SCAN**

**DUAL  
WATCH**

**DYNAMIC  
MIC**

**QUICK UP  
QUICK DOWN**

**LOCK**

*feature*  
**PACKED**  
see reverse for full details



**INTEK**

# M-795 POWER

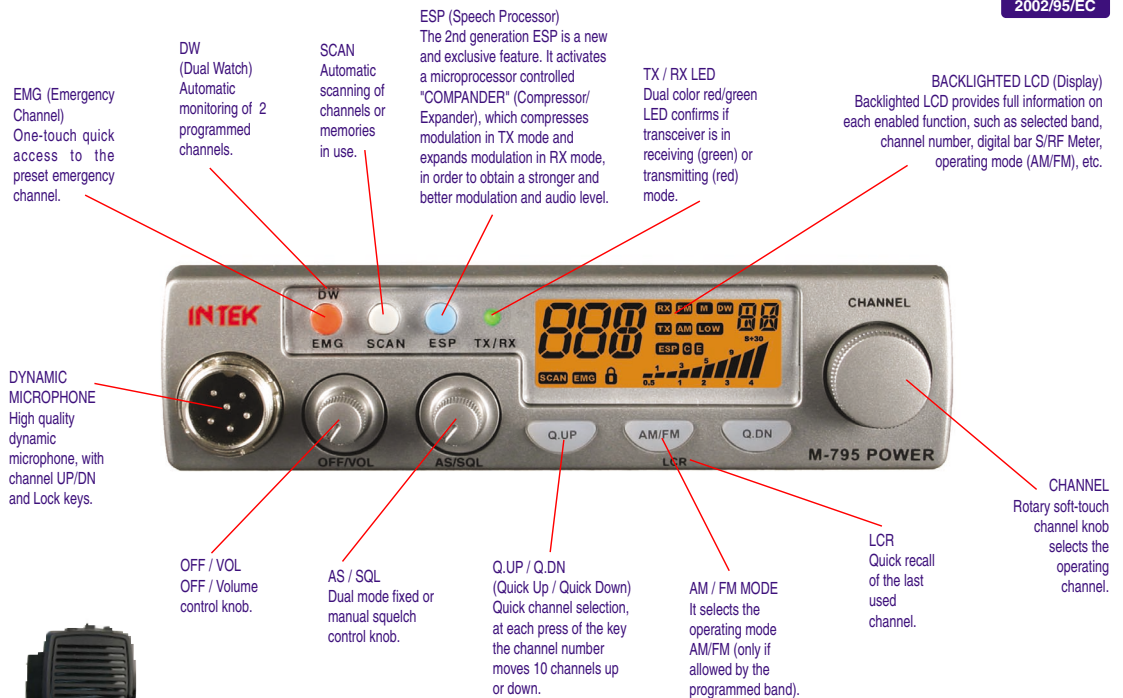
State-of-the-art CB (27 MHz) high power mobile transceiver, with advanced software & hardware design, specifically conceived for Citizen Band operators and for truck / car drivers

## MULTI STANDARD PROGRAMMABLE HIGH POWER CB MOBILE TRANSCEIVER

One radio only, ready for use in all the European countries !

**RoHS**  
2002/95/EC

- MULTI STANDARD CIRCUIT
- 10 BANDS PROGRAMMABLE
- BACKLIGHTED LCD DISPLAY
- 2nd GENERATION ESP "COMPANDER" RX/TX MODULATION PROCESSOR (COMPRESSOR-EXPANDER)
- AUTO SCAN
- DUAL WATCH
- HIGH QUALITY DYNAMIC MICROPHONE WITH UP/DOWN AND LOCK KEYS
- QUICK UP KEY
- QUICK DOWN KEY
- FIXED OR MANUAL SQUELCH
- EMG
- DIGITAL 10 BAR S/R/F METER
- HIGH POWER MOSFET TRANSMITTER



**MOSFET TRANSMITTER**

**MULTI STANDARD PROGRAMMABLE TECHNOLOGY**



(+) The transmitter RF output power of this transceiver is factory set at 4.0W RF maximum, for all the radios for the European countries (European version), in accordance with the current CE/R&TTE regulations. THIS FACTORY SETTING CANNOT BE MODIFIED BY THE USER !

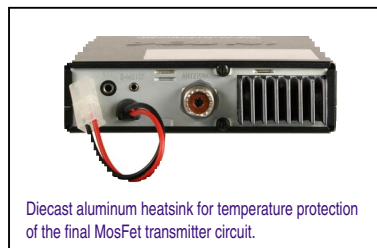
### SPECIFICATIONS

<b>GENERAL</b>	
Channels	Refer to programmed band
Modes (AM, FM)	Refer to programmed band
Operating Temp.	-10°/+55°C
DC Input Voltage	13.2Vdc ±15%
Size	140 x 37 x 215 mm
Weight	800 gr.

<b>RECEIVER</b>	
System	CPU Contr. 2 Conv. S. H.
Sensitivity AM/FM	0.5µV for 20dB SINAD
Audio Output Power	@10% THD 2.5W at 8 Ohm
Current Drain	250mA (stand-by)

<b>TRANSMITTER</b>	
System	CPU Contr. PLL Synthesizer
Max Output Power	4W at 13.2Vdc
Modulation	AM (from 85% to 95%) FM (1.8 KHz ±0.2 KHz)
Output Impedanced	50 Ohm unbalanced
Current Drain	1100 mA (at no modulation)

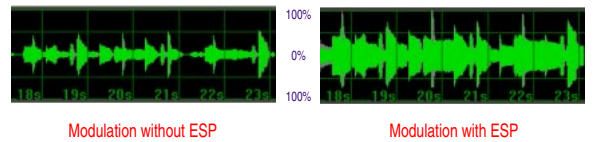
E. & O. E.



### FREQUENCY BAND / MODE PROGRAM

<b>CE</b>	CEPT 40CH FM 4W (DEFAULT)
<b>I0</b>	ITALY 40CH AM / FM 4W
<b>I2</b>	ITALY 36CH AM / FM 4W
<b>DE</b>	GERMANY 80CH FM 4W / 12CH AM 1W
<b>D2</b>	GERMANY 40CH FM 4W / 12CH AM 1W
<b>EU</b>	EUROPE 40CH FM 4W / 40CH AM 1W
<b>SP</b>	SPAIN 40CH AM / FM 4W
<b>FR</b>	FRANCE 40CH FM 4W / 40CH AM 1W
<b>UK</b>	ENGLAND 40CH + CEPT 40CH FM 4W
<b>PL</b>	POLAND 40CH AM / FM 4W (-5 KHz)

### ESP "COMPANDER" RX / TX AUDIO SPEECH PROCESSOR



This radio includes the new 2nd generation ESP "COMPANDER". The meaning of "COMPANDER" is Compressor-Expander. This CPU controlled audio Speech Processor works as a modulation Compressor in TX and as a modulation Expander in RX. ESP provides a stronger and more clear and readable audio signal. It is a great help in noisy areas and in case of long distance communication and weak signals. The efficiency of ESP is even higher when communicating with another radio having the same ESP system.

**IMPORTANT !** The radio is factory programmed on the CE frequency band (CEPT 40CH FM 4W). This product is subject to national restrictions. Before operating this radio, please check that the frequency band has been correctly programmed according to the country where radio is used.

### TWO VERSIONS AVAILABLE :

**INTEK M-795/CE POWER**  
CE/R&TTE VERSION (4.0W MAX. TRANSMITTER POWER)

**INTEK M-795/RU POWER**  
INTERNATIONAL VERSION (20.0W MAX. TRANSMITTER POWER)

RECOMMENDED BY INTEK !



LEADER IN CB 27 MHz  
CAR & TRUCK MOBILE ANTENNA



CE 0678

**RoHS**  
2002/95/EC

CH

MADE IN THAILAND



**INTEK**