

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



(+) 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 !

MOSFET
TRANSMITTER

MULTI STANDARD
PROGRAMMABLE
TECHNOLOGY

SPECIFICATIONS

GENERAL

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.

RECEIVER

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)

TRANSMITTER

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)

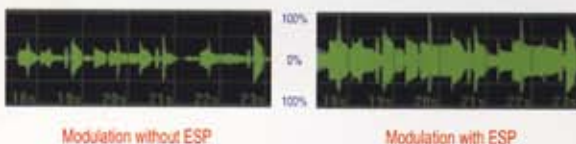
E. & O. E.



FREQUENCY BAND / MODE PROGRAM

CE	CEPT 40CH FM 4W (DEFAULT)
10	ITALY 40CH AM / FM 4W
I2	ITALY 36CH AM / FM 4W
DE	GERMANY 80CH FM 4W / 12CH AM 1W
D2	GERMANY 40CH FM 4W / 12CH AM 1W
EU	EUROPE 40CH FM 4W / 40CH AM 1W
SP	SPAIN 40CH AM / FM 4W
FR	FRANCE 40CH FM 4W / 40CH AM 1W
UK	ENGLAND 40CH + CEPT 40CH FM 4W
PL	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)

THUNDERPOLE



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Exclusive Importers & Distributors for INTEK

CE 0678

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MADE IN
THAILAND

INTEK