

# M-760 PLUS

## MULTI STANDARD PROGRAMMABLE CB MOBILE TRANSCEIVER

**NEW !**  
HIGH EFFICIENCY 3W  
FRONT SPEAKER  
DESIGN SERIES

### M-760 PLUS MULTI STANDARD PROGRAMMABLE CB MOBILE TRANSCEIVER

New *FRONT SPEAKER DESIGN* CB radios, the latest INTEK 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. 8 bands programmable multi standard circuit design, matching the frequency & operating mode requirements of various countries. 3W front speaker for strong and clear direct audio sound. A number of unique features 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 !

MULTI STANDARD  
PROGRAMMABLE  
TECHNOLOGY

NEW ESP-2 !  
SPEECH PROCESSOR



- |         |            |          |                     |                      |            |                     |      |
|---------|------------|----------|---------------------|----------------------|------------|---------------------|------|
| 8 BANDS | ESP        | 1.8" LCD | ROGER BEEP          | ANL                  | RF GAIN    | MIC GAIN            | PA   |
| SCAN    | DUAL WATCH | LCR      | RX/TX DIGITAL METER | SQUELCH + AS SQUELCH | EMG CH9/19 | QUICK UP QUICK DOWN | LOCK |

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



**INTEK**

# M-760 PLUS

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

## MULTI STANDARD PROGRAMMABLE CB MOBILE TRANSCEIVER NEW FRONT SPEAKER DESIGN SERIES

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

**NEW !**  
**HIGH EFFICIENCY 3W  
FRONT SPEAKER  
DESIGN SERIES**

- MULTI STANDARD CIRCUIT DESIGN
- ALL EUROPEAN BANDS
- BACKLIGHTED LCD DISPLAY
- 2nd GENERATION ESP "COMPANDER" RX/TX AUDIO SPEECH PROCESSOR (COMPRESSOR-EXPANDER)
- FIXED OR MANUAL SQUELCH
- ROGER BEEP TONE
- AUTO SCAN / DUAL WATCH
- HIGH QUALITY MICROPHONE WITH UP/DOWN AND LOCK KEYS
- AUTOMATIC NOISE LIMITER
- QUICK UP / DN CH SELECTION
- PA FUNCTION
- RF GAIN AND MIC GAIN CONTROLS
- EMG, LCR
- DIGITAL 10 BAR S/R/F METER

**AM / FM MODE**  
UK / CE  
It selects the operating mode AM/FM (only if allowed by the programmed band).

**EMG (Emergency Channel)**  
DW (Dual Watch)  
One-touch quick access to the preset emergency channel. Automatic monitoring of 2 programmed channels.

**ESP (Speech Processor)**  
RX/TX audio Speech Processor

**BACKLIGHTED LCD (Display)**  
Large size backlighted LCD provides full information on each enabled function, such as selected band, channel number, digital bar S/R/F Meter, operating mode (AM/FM), etc.

**UP / DN**  
(Quick Up / Quick Down)  
Normal or Quick channel selection keys.

**RB / LCR**  
This key activates the Roger Beep tone function (RB) and quick recall of the last used channel (LCR).

**SCAN**  
Automatic scanning of channels in use.



**FRONT SPEAKER**  
Built-in high efficiency 3W 8Ω front speaker.



**CONDENSER MICROPHONE**  
High quality condenser microphones, with channel UP/DN and Lock keys.

**ANL / PA**  
Automatic Noise Limiter reduces electrical and electro-magnetic interferences and noise and PA (Public Address) switch.

**OFF / VOL**  
OFF / Volume control knob.

**AS / SQUELCH**  
Dual mode fixed or manual squelch control knob.

**TX LED**  
Red LED confirms if transceiver is in transmitting mode.

**MIC/G RFG**  
Mic gain control sets the desired microphone gain. RF gain control sets the desired receiver gain.

**RoHS**  
2002/95/EC

**MULTI STANDARD PROGRAMMABLE TECHNOLOGY**

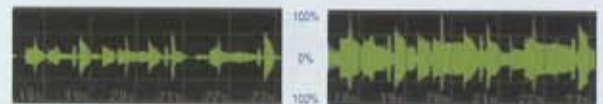
**NEW ESP-2 ! SPEECH PROCESSOR**

### 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	153(L) x 50(H) x 180(D) mm
Weight	950 gr.
RECEIVER	
System	CPU Controlled Double Conversion Super Heterodyne
IF	1° 10.695 MHz / 2° 455 KHz
Sensitivity	0.5µV for 20dB SINAD (FM) 0.5µV for 20dB SINAD (AM)
Audio Output Power	@ 10% THD 2.5W at 8 Ohm
Audio Distorsion	<8% at 1 KHz
Image Rejection	65dB
Adjacent Ch. Rejec.	65dB
Signal/Noise Ratio	45dB
Current Drain	250mA (stand-by)

TRANSMITTER	
System	CPU Controlled PLL Synthesizer
Max Output Power	4W at 13.2Vdc
Modulation	AM (from 85% to 90%) FM (1.8 KHz ±0.2 KHz)
Output Impedanced	50 Ohm unbalanced
Current Drain	1100 mA (at no modulation)
FREQUENCY BAND / MODE PROGRAM	
E1	ITALY/SPAIN 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/FRANCE 40CH FM 4W / 40CH AM 1W
CE	CEPT 40CH FM 4W (DEFAULT)
UK	ENGLAND 40CH + CEPT 40CH FM 4W
PL	POLAND 40CH AM/FM 4W (-5 KHz)

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



Modulation without ESP

Modulation with ESP

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.

E. & O. E.

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