

# IMARK

## PRODUCT DESCRIPTION

### KYODO KG108 MOBILE TRANSCEIVER

Rugged, 99 Channels, 1-25 Watts, Wide Bandwidth

Imark Stock # [91xxxx](#)

#### Features:

- 99 Synthesised Channels
- Field Programmable
- Wide Switching Bandwidth
- Three Power Settings
- 1-25 Watt R.F. Power Output
- Large Illuminated LCD Display
- Programmable Scan Functions
- Programmable Priority Channels
- Key Lock Function
- TX Time Out Timer
- Power On Time Out Timer
- Non-Predictive 5-Tone Selcall Facility
- Quick Insert Mounting Bracket
- DTMF Encoder
- Multi-tone CTCSS Encoder/Decoder
- ANI Facility (5-Tone & DTMF)
- "Kill" Mode (5-Tone & DTMF)
- Emergency Mode (5-Tone, DTMF)
- Status Facility (6th tone)
- Excellent Reliability
- Exceptional Performance
- State of the Art Technology
- Microprocessor Controlled
- Surface Mounting Technology
- Rugged Die-cast Construction



#### DESCRIPTION:

The **KG108** mobile is an incredibly versatile transceiver. 5-Tone selective calling, C.T.C.S.S. encoder-decoder and D.T.M.F. encoder are all standard features.

Typical of all Kyodo products the **KG108** has a rigid diecast aluminium chassis and is built to the exacting standards you would expect of a "top of the range" commercial two way radio.

By far the greatest attribute of the **KG108** for dealers is the ability to fully program and option units without the removal of covers. An IBM PC AT software/hardware package is available for dealers who wish to program their own units. This program is extremely user friendly including pull down menus, on-line help and full file management.

Some of the more subtle points that place the **KG108** at the forefront of mobile radio technology are full band switching without re-tuning, "O" ring sealing of the control head to the main transceiver unit and above all "exceptional field performance."

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SPECIFICATIONS:			
GENERAL			
Frequency Range	All FM bands from 30 to 520 MHz		
Channels	99		
Channel Spacing	12.5kHz, 20kHz, 25kHz, & 30kHz		
Mode of Operation	Simplex/Semi duplex		
Antenna Impedance	50 ohms unbalanced		
Power Supply	High Power Model : 13.6V +/- 20% negative ground Low Power Model : 13.6V +/- 20% negative ground		
Environmental Conditions	Ambient Temperature: -30°C to +60°C Relative Humidity: 95% at +35°C		
Dimensions/ Weight (excluding protrusions)	High Power Model :166 (W) mm x 50 (H) mm x 195 (D) mm 1.7kg Low Power Model : 166 (W) mm x 50 (H) mm x 173 (D) mm 1.5kg		
Shipping Dimensions	160 (W) mm x 60 (H) mm x 240 (D) mm		
Shipping Weight	700 Grams with NH1200 Battery		
TRANSMITTER			
RF Power Output	80 Mhz band model 5 to 25 Watts	150 Mhz band model 5 to 10 Watts 10 to 25 Watts 20 to 40 Watts (B-band only)	400Mhz band model 5 to 10 Watts 10 to 25 Watts 20 to 40 Watts (D-band only)
Maximum Frequency Deviation	Wide Band : ±5 kHz		