

ONWA

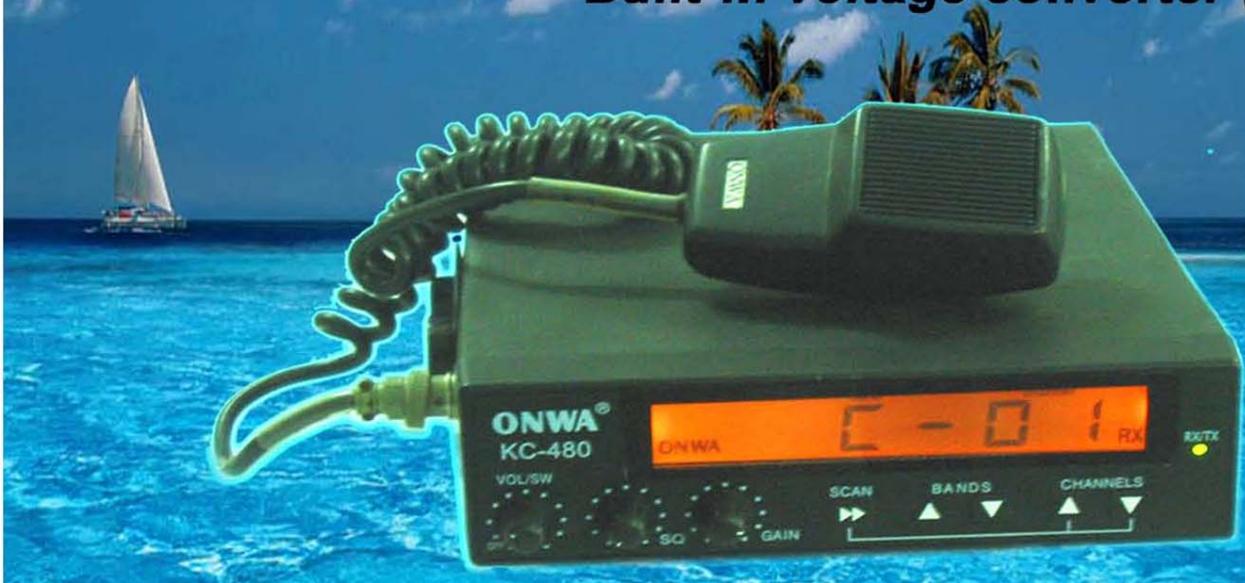
27MHZ CB TRANSCEIVER

MODEL **KC-480**

**Channel Scanning
480 Channels**

12W transmit power (with modulation)

Built-in voltage converter (option)



Specifications

General

Frequency Coverage

All 480 CB Channels
24.265 to 29.655 Mhz

Modulation Mode

AM modulation (A3)

Antenna Impedance

50 ohm

Power supply required

13.8VDC (Only negative ground)

Dimensions – (WHD)

200mm x 60mm x 280mm

Receiver

Sensitivity

AM 1 μ V S/N 19dB

Adjacent channel Rejection

60dB (at 10KHz) greater than
70dB (for 20KHz)

Intermediate Frequency

1st IF = 10.695MHz
2nd IF = 455KHz

Audio Output

3 Watts at 8 Ohm

Frequency Response

450 dB or better

Cross modulation

45dB or better

Squelch

Adjustable from 0.2 μ V to 500 μ V

Transmitter

Output Power

Over 12 watts when
modulation applied

Modulation

Am100%

Spurious Radiation

-60dB

Frequency Tolerance

Better than 0.005%

Current Drain (13.8V)

2.0 Amps at 8 watts
(No modulation)

Specification

General

❖ Channel	: 480 channel (40CH X 12)
❖ Frequency composition	: Digital phase locked loop synthesizer
❖ Modulation mode	: AM
❖ Frequency range	: 24.265~29.655MHz
❖ Channel spacing	: 10KHz
❖ Antenna impedance	: 50 Ohm
❖ Power supply source	: 13.8 VDC (Only negative ground)
❖ Operating temperature	: -10 °C ~ +50 °C
❖ Dimensions	: 20(W) X6(H) X28(D) cm
❖ Weight	: 1.9kg

Receiver

❖ Sensitivity	: AM 1 μ V, S/N 19dB
❖ Selectivity	: 60dB
❖ Squelch range	: 0.2 μ V ~ 500 μ V
❖ IF	: 1st 10.695MHz, 2nd 455KHz
❖ Audio output power	: 3 watts at 8 Ohm
❖ Spurious response	: 50dB

Transmitter

❖ RF output power	: 8W
❖ Frequency stability	: \pm 0.005%
❖ Modulation capability	: AM 100%
❖ Spurious emission	: - 60dB