

# TACTICAL BASE STATION

## GRC 6726

(AN/GRC-238)

EMBEDDED  
DIGITAL  
ENCRYPTION →

5, 16 & 40 WATT RF  
POWER LEVELS →

IN PRODUCTION →

← 3 FREQUENCY  
BANDS  
30-88MHz,  
136-174MHz,  
403-470MHz,



The GRC 6726 base station uses two standard hand held radios to provide the RF circuitry for the main and guard channel transceivers. The hand held radios simply plug in and lock with connections to the base station being made automatically through rugged side connectors. This eliminates the need for interconnecting cables. The guard receiver offers a permanent monitor facility for specific channels and the guard transmitter can be used at the 2 watt level if necessary.

The base station can operate over any of the frequency bands available. To change bands, the operator simply changes the transceiver modules or the radios in the base station and changes the appropriate antennas.

The GRC 6726 has a hinged operators panel which, when closed, provides protection during storage or transit.

Power outputs of 5, 16 or 40 watts are available and these are selected from the front panel controls. Programming of the radios, channel control or manual frequency selection can be effected via the front panel keyboard.

The base station operates from either a 10 to 32V DC input or from a 120/240V AC 50/60 Hz supply. Connections for the supply input, RF output and external speaker are made via the rear of the unit. Should the need arise, the personal radio monitoring the 'guard channel' can be removed to provide an additional means of communications.

The base station is configured with accessories including microphone, headset external speaker, masts and antennas.

The GRC 6726 is manufactured in the United States and is in service with the US Department of Defense under the Scope Shield II programme as the AN/GRC-238.

**RACAL**