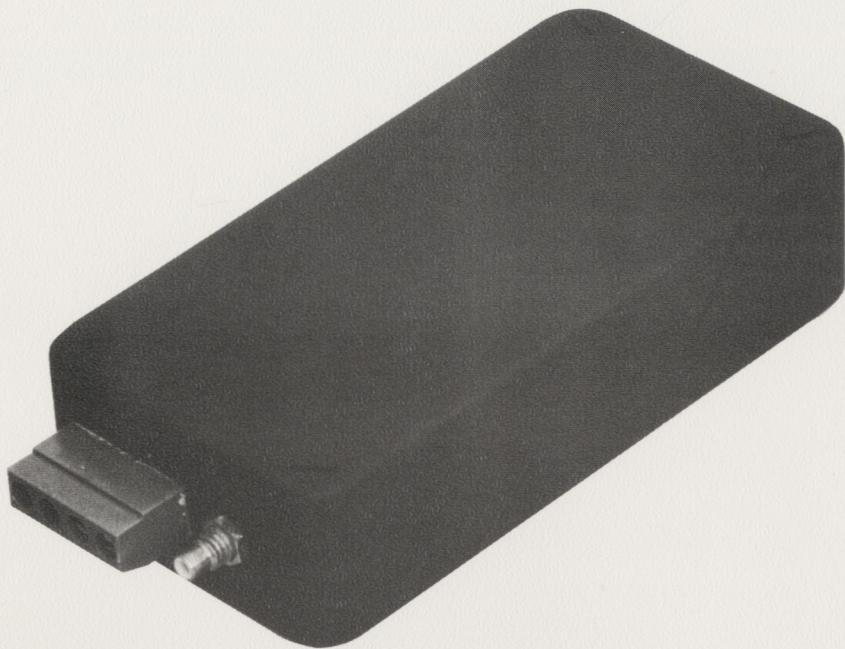


# GRIFFITHS COMMUNICATIONS LIMITED

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## TRANSMITTER TYPE M7062

This is the most powerful transmitter in the range and requires an antenna, antenna matching unit Type M7014, and D.C. power source of between 9 and 15 volts to become operative. This unit would normally be located in a concealed place such as a motor car trunk and be connected to the vehicle 12 volt DC supply or to a separate power supply source i.e. M7041 Battery & Power Saving unit. The transmitter would be connected to the M7014 Antenna Matching unit via the small diameter co-axial cable supplied. This permits the antenna to be placed in the most convenient or inconspicuous position.

The transmitter can be made to operate in its "Continuous" or "Pulse" mode by moving a wire link located conveniently on the outside of the case.

The transmitter is crystal controlled and frequency modulated by integral sensors. These sensors are activated by vibration and movement and indicate the status of the target i.e. engine running, vehicle moving etc. An identification signal is also radiated so that the Tracking Operator can be confident that the signal is authentic. The transmitter will also, if required, radiate an ALARM signal. This is a useful feature in the protection of VIPs or special loads. These Audio signals are detected by the Target Receiver M7101 and can be reproduced in a loudspeaker fitted into the display unit or by headphones. These audio signals will not be radiated when the transmitter is in the "Pulse" mode.

### SPECIFICATIONS

D.C. Power input.	+ 9 to + 15 volts. Current 350mA. "continuous" rating at 12 volts.
R.F. Power output.	2 Watts. into 50 Ohm load with 12 volt supply.
Modulation.	Narrow Band FM. Deviation. 500Hz Nominal.
Frequency.	Crystal controlled, single frequency, 27- <del>155</del> <sup>175</sup> MHz. (to customers requirement). <i>175</i>
Pulse Data.	One pulse every two seconds. Pulse length 250 millisecs. When ALARM is activated in "Pulse" mode, pulse rate is two per second.
Audio Data.	Identification signal. Motion & vibration signal. Alarm signal.
Dimensions.	110 x 50 x 25mm approx.
Weight.	150gms.
Housing.	Diecast metal case.