

Paging Adaptor for DIA intruder alarm system

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The Control box on this setup has been fitted with a special adaption so that it can be used with a Cobra MT, PMR 446 Licence free Walkie Talkie as a pager base station.

The paging function is triggered by the buzzer circuit. Make sure the buzzer time is not too short, or it will not have time to switch on the radio. If when you have set up the system, the buzzer seems too loud, make it quieter by putting a piece of tape, or a double sided sticky over it. It can also be switched off by removing the jumper next to it in the control box. The Delay and On Time controls are only used if a siren has been supplied.

Part of the adaption is designed to give a maintenance charge to the internal battery set in the radio. Thus it can be left connected permanently. (Unlike the charger which comes with the radio kit, Maximum 24 hours – ref radio instruction booklet)

A long Plugged connector lead has been provided, just plug one end into the 2.5mm socket on the base of the DIA control box, and the other end into the charger/microphone socket in any one of the radios supplied. (see picture) Please note, the current Cobra radios have a 2.5mm jack socket and a micro USB socket. The lead supplied is modified to be compatible with both. Plug both the Miniature jack plug and the micro USB plug into the radio, or the radio will not charge. This is now your base station. The radios have not been modified. Position the radio to give good range. Please note the DIA control box and radio are not weatherproof, and would require a weatherproof container if not mounted indoors. The Infra red beam boxes are designed to be mounted outside, and are weatherproof as long as they are mounted as per the attached instructions.

A Cobra MT radio must be used as the base station, but the receiving unit can be any PMR 446 radio. They are designed to work with each other regardless of the make.

Switch the radio on by pressing and holding the MODE button. Choose your channel and privacy code as per the instructions enclosed in the radio pack. The batteries have been fitted and charged, and the radios tested to make sure they are working correctly.

The batteries supplied with the radios by Cobra, are currently only 300ma hour. This makes no difference to the base station, but if you find the radio which you carry about goes flat too soon, please replace the 3 AAA rechargeable's with some which are at least 600ma hour or greater.

