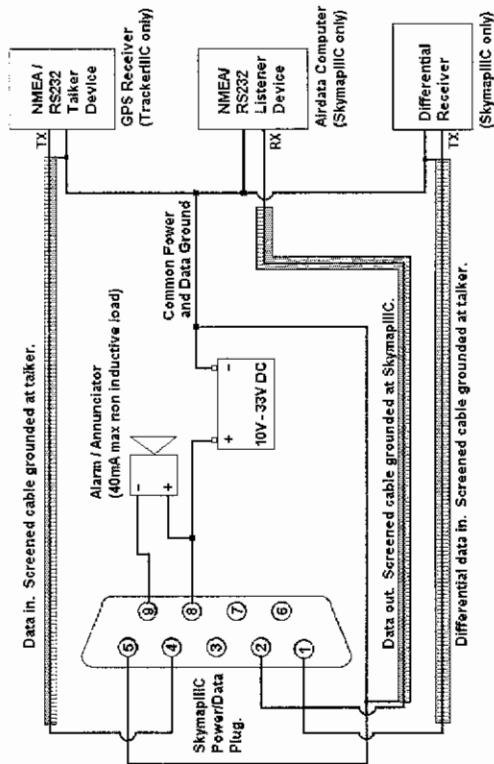


The data presented across the data output pins is controlled by the settings on Screen 35, Data Input/Output Setup and Test Screen. If you want to connect an external audio annunciator to your unit, do so in accordance with the following drawing and activate it's operation on Screen 23, NAV Mode Customisation Screen by setting EXTERNAL ALARM to ON.



Skymap/III C / Tracker III C Wiring Options

If you are not planning to connect either the green or yellow cores, please cut them back and insulate the cut end. Please do not make connection to pins 3, 6 or 7.

Antenna Considerations (Skymap III C only)

The Skymap III C is supplied with a portable antenna that is convenient for use in circumstances where the unit is removed from the aircraft regularly. Your Bendix/King dealer can advise you on other antenna options to suit different applications or improve performance.

When positioning the portable antenna, always ensure that the domed (the opposite side to that which carries the CE marking) face of the antenna is facing straight up to the sky and can "see" a large area of the sky, preferably right down to the horizon. In order to provide a 3-dimensional fix, Skymap III C needs to receive signals simultaneously from at least four satellites.

The radio signals from the GPS Navstar satellites are transmitted in an extremely high frequency band (1.5GHz). They can be regarded as having approximately the same penetration capabilities as light. This means that they are able to penetrate only transparent or very thin materials and will be blocked by almost any material that blocks light.

At least four and at times up to twelve GPS satellites should be in view from any place in the world at any time. These can, however, be absolutely anywhere in the sky and so, to ensure uninterrupted navigation it is essential that the antenna has direct line-of-sight contact with as much sky as possible.

If the position in which you wish to locate your Skymap III C is shielded from the sky and the standard antenna cable is not long enough for an acceptable installation bearing the above guidelines in mind, you may choose one of several options for remote antenna siting. The simplest is to use the Bendix/King remote antenna extension cable. This allows the portable antenna to be extended by a further 6ft (2 metres) thereby allowing mounting up to 12ft (4 meters) away from the main unit. The antenna may be held in place there by using the rubber suction cup supplied (which should be slotted into the key hole in the antenna bracket) or fixed permanently in position by using the countersunk screw mounting holes in the antenna bracket. The rubber suction cup is ideal for temporary use in vehicles and light aircraft. The portable antenna is only splash proof and not fully waterproof. **Never mount this antenna permanently outside.**

For permanent external antenna mounting an external magnetic mount antenna is available for ground vehicles and an external low profile "tear drop" style antenna for aircraft. For more information about these accessories please contact your Bendix/King dealer.