

MAGIC BREED REPEATER UNIT

This unit has been developed to extend the range of the Magic Breed Transmitter for up to 2Km from the foaling paddock. It works by receiving the signal sent by the transmitter on the mare then re-transmitting at a higher power. It has been designed to sit on top of a star picket located near the foaling paddock.

INSTALLATION.

1. Screw the antenna to the brass screw on top of the repeater, mount upright on top of a star picket . Provision has been made to tie the yellow cap to the star picket so that it does not blow away. Locate the star picket close to and overlooking the foaling paddock.
2. Connect leads to a 12v battery- motor cycle or car battery will do- Red to + and Black to - .
3. Check that the code matches the code of your receiver The code is indicated by a colour dot on the base of the unit. **BLUE (1) RED (2) ORANGE (3) YELLOW (4) and GREEN (5)**. The code will usually be set ready when Purchased, but can be changed (see instructions inside lid. However if the lid is Removed make sure it is replaced correctly to ensure it is kept waterproof.)

NOTE. If the fence is open wire no problem, but if the fence is a mesh type it will shield the signal from the transmitter, so place picket post in a suitable position. Also if sheds are in the line of sight to the Mare then Repeater may not pick up the signal from the transmitter.

SPECIFICATIONS.

Supply	9 to 14 volts AC	Current consumption	Standby	16 mA
	or 9.5 to 18 volts DC		Transmitting	650 mA
		Frequency	27.145 Mhz	
Range	Receiver	up to 400 meters	Re Transmit	up to 2000 meters
		Depending on installation and environment.		