

1100 CARRIAGE CONTROL RADIO

The 1100 Talkie Tooter® Carriage Control system can increase productivity and safety of your employees who are moving logs with a motorized carriage. It remotely controls the functions of the skycar and operated by any member of the crew equipped either with a belt-mounted transmitter or yarder operator via a transmitter mounted in the cab. There are certain functions that cannot be activated until other safeguards are met (i.e. set clamp then release brake), preventing accidents from occurring.



The 1100 Carriage Control receiver is mounted inside the carriage and is weather tight. The receiver provides up to 8 discrete outputs or functions capable of providing an audio signal to warn others in the area that the carriage is ready to move the lines.

1100 FEATURES

- ◆ Secure Digital Communication (tone pairs no longer required)
- ◆ Receiver is more compact and light weight
- ◆ Reliable narrow-band VHF (150-174 MHz), multi-channelled
- ◆ Event log ideal for troubleshooting and recording functions
- ◆ Approved for US, Canada & New Zealand
- ◆ Compatible with older style wiring and chargers

ROTHENBUHLER ENGINEERING

SAFE, RUGGED, RELIABLE!!!

P.O. Box 708 / 524 Rhodes Road
Sedro Woolley, WA 98284

Phone: 360-856-0836
Fax: 360-856-2183
information@RothenbuhlerEng.com
<http://www.RothenbuhlerEng.com>



SPECIFICATIONS

Transmitter (1100-3):

Power Output	500 Milliwatts
Carrier Frequency	150-174 MHz
Frequency Stability	1.0 ppm
Operating Temperature	-22°F to +140°F
Modulation – US	11K3F2D
Size	9" x 3.8" x 1.8"
Weight (w/battery & belt)	1.9 lbs.
Battery Pack	Rechargeable NiMH
Battery Life	approx. 1 hr. TX time
Operating Range	approx. 1/2 mile

Receiver (1100-4):

Sensitivity	12dB SINAD, 0.25uV, low interference
Power requirement	12 VDC
Operating Power	500 mA maximum
Carrier Frequency	150-174 MHz narrow band FM
Frequency Stability	1.0 ppm
Operating Temperature	-22°F to +140°F
Size	10" x 6" x 2.25"
Weight	3 lbs.
Functions	Up to 8 discrete
Battery Charger	110 & 220 VAC

Basic System:

1 Receiver, 3 Transmitters, Battery Charger, Case, Antenna and Installation Hardware

WARRANTY:

The Talkie Tooter Digital Radio Whistle System is a quality product. If proven to be defective in workmanship or materials within 2 years from the date of purchase (batteries - 1 year), it will be repaired or replaced at manufacturer's option at the factory. This warranty is given in lieu of all other warranties, either expressed or implied, and neither seller nor manufacturer shall be liable for any direct, incidental or consequential loss or damage arising out of the failure of the product to operate.

ROTHENBUHLER ENGINEERING

SAFE, RUGGED, RELIABLE!!!



P.O. Box 708 / 524 Rhodes Road
Sedro Woolley, WA 98284

Phone: 360-856-0836
Fax: 360-856-2183
information@RothenbuhlerEng.com
<http://www.RothenbuhlerEng.com>

STANDARD FEATURES

Transmitter (1100-3):

- ◆ Waterproof sealed aluminum case
- ◆ Internal tilt safety switch prevents accidental transmission
- ◆ Tactually sensitive function initiation switches
- ◆ External switch guard prevents accidental signal transmission
- ◆ Rechargeable long life NiMH batteries
- ◆ Lightweight, worn on belt, easy to use, easy to carry
- ◆ Brightly colored to minimize possibility of loss
- ◆ Digital Encoding system prevents accidental cross signaling
- ◆ Solid-state electronic circuitry
- ◆ Single-handed operation
- ◆ Will not detonate caps

Receiver (1100-4):

- ◆ Waterproof – sealed aluminum case, covered on/off switch
- ◆ Military style connectors for antenna & power cable connection
- ◆ Circuit board protection from fuse, on power input line
- ◆ Internal shock mounting for circuit boards
- ◆ Accepts signals only from matching transmitters
- ◆ Functions can be latching or momentary, discrete, sequential or time delayed
- ◆ Codes can be reprogrammed

