



**ROTHENBUHLER
ENGINEERING®**

HOME OF THE *Talkie Tooter!*

Get More Logs.....Safely

with the *Talkie Tooter®* Computer Tooter® Radio Controlled Carriage System

The Talkie Tooter Carriage Control system can increase productivity, with safety, of employees who move logs with a motorized carriage. The Talkie Tooter carriage radio remotely controls the functions of the skycar. Functions commonly utilized by carriages include a combination of the following; up and down at various speeds, stop start, kill engine, set and release brakes and set and release clamps. The carriage receiver may be operated by any member of the crew – equipped with a belt-mounted Talkie Tooter transmitter, and also by the yarder operator via a transmitter mounted in the cab. There are certain functions that cannot be activated until other safeguards, i.e. set clamp then release brake, are met – preventing accidents. All functions are initiated with the 2 pushbuttons on the transmitter.



The Talkie Tooter Carriage Control receiver is mounted inside the carriage. The weather tight receiver is specially constructed to operate reliably and consistently in this environment. Talkie Tooter Carriage Control receivers provide up to 8 discrete outputs or functions. All receivers are capable of providing an audio signal to warn people in the area that the carriage is ready to move the lines.

There are different ways the 2 pushbuttons on the Talkie Tooter radio transmitter can be used to transmit signals to the receiver. The operator can press and release one button one or more times to latch certain functions “on”. The function is terminated (stop) when the same button is pressed again. Examples of latching functions are: stop, down, kill engine, set and release brake and set and release clamps. Conversely, the buttons can be used to control momentary

functions. In this case, the function is active only for as long as that button is pressed. As soon as the operator releases the button, the function stops. The hand-held transmitter is worn on the belt for easy accessibility. This transmitter is watertight and built to withstand the harshest working environments. Talkie Tooter Carriage Control radio equipment is proven in the woods for reliability and durability!

BENEFITS:

- Does not hamper operator's movements
- Increases daily production
- Built-in safeguards minimize chance of accidental activation
- Dedicated radios – insures only your radios control your carriage
- Removable receiver – to prevent loss due to vandalism
- Modular circuit board construction for easy serviceability
- Manufactured by a company who has manufactured radio equipment for the logging industry since **1946!**

COMPUTER TOOTER® CARRIAGE CONTROL RADIO

Specifications

Transmitter – 1063

Power Output	100-350 Milliwatts
Carrier Frequency	72 – 76 MHz
Frequency Stability	±0.001%
Operating Temperature Range	-25°F to +140°F
Modulation – US	18K0F2D, 18K0F3E
– Export	8K0F2D, 8K0F3E
Size	8" x 1 ½" x 2 ¾"
Weight (w/battery & belt)	29 ounces
Battery Pack	Rechargeable NiMH
Battery Life	Approx. 10 hours
Operating Range	Approx. 1500'

Receiver – 1070, 1076, 1080

Sensitivity	12 dB SINAD, 0.25uV, low interference
Power requirement	10 to 28 VDC
Operating Power	500 mA maximum
Carrier Frequency	72 – 76 MHz narrow band FM
Frequency Stability	Better than ±0.001%
Operating Temperature	-25°F to +140°F
Size w/mounting panel	9" x 9 ½" x 6"
Weight w/mounting panel	10 ½ pounds
Functions	Up to 8 discrete
Battery Charger	110 & 220 VAC

Mounting Panel – Box containing output relays and cables for hookup to battery and to receiver

BASIC SYSTEM

1 Receiver, 3 transmitters, 1 battery charger, 1 antenna and installation hardware

BASIC FUNCTIONS

- Up at Various Speeds
- Down at Various Speeds
- Set and Release Clamps and/or Brake
- Stop Carriage Function
- Start and Kill Engine



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HOME OF THE *Talkie Tooter*

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Website: www.RothenbuhlerEng.com or www.TalkieTooter.com

Standard Features

Transmitter:

- Waterproof sealed aluminum case
- Internal mercury safety switch prevents accidental transmission
- Tactually sensitive function initiation switches
- External switch guard prevent 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
- "Safety-Tone®" system prevents accidental cross signaling
- Solid-state electronic circuitry
- Single-handed operation
- Will not detonate caps

Receiver

- 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

COMPLEMENTARY PRODUCTS

Carriage function annunciators for yarder operator

Radiowhistles for yarders

Speakers and Air Whistles

WARRANTY:

The Talkie Tooter Radio Carriage Control 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.