



KAR-TECH RECEIVER TX MODE SETTINGS

DEEP FOUNDATION SOLUTIONS

OPERATION

Power must be applied to the receiver module for the system to work. Pressing the POWER button until the LCD turns on will turn on the transmitter. Pressing and holding the POWER button until the LCD turns off will turn off the transmitter. If the transmitter goes out of range for more than 2 seconds, the LCD will display NO LINK and the digital inputs will go to 0 over CAN as a safety feature. Below are the configuration screens available on the Giga transmitter.

2.1 CONFIGURATION MENU

To navigate to the configuration menu turn the transmitter and receiver off. Press and hold the POWER button for greater than 10 seconds until the menu (TEACH MODE) is shown. There are the following options under the configuration menu: TEACH MODE, LCD CONTRAST ADJ, SLEEP TIME, RESET TX, CLONE MASTER, CLONE SLAVE, TX MODE NUMBER and EXIT. To select an option press PB5 button. To scroll through the options press the PB3 & PB4

buttons. To EXIT the configuration menu and go to the operating screen, select EXIT using the PB5 button.

TEACH MODE

SLEEP TIME

To save battery life, the transmitter will turn off after 15 minutes if the receiver is off. The user must press POWER at this point to restore transmitter operation. To change the sleep time, select this option and use the PB3 & PB4 buttons to change the number of minutes the transmitter waits to go to sleep. Press the PB5 button to exit and save the sleep time.

The transmitter will NOT go to sleep as long as the receiver has power applied to it.

RESET TX

Warning! If the transmitter is reset, the receiver will have to be re-synchronized to the transmitter for operation! To reset the transmitter select RESET TX using PB5 button and then press any button.

CLONE MASTER/SLAVE

Warning! This feature can pose a safety hazard for operators if both transmitters are used simultaneously! Use with caution! Occasionally, it is

desirable to have more than one transmitter work with a single receiver. This is accomplished by a process called cloning. See CLONING below for more information

TX MODE NUMBER

Select this option to change the TX number to be assigned. Press the PB3 & PB4 buttons to change the number. Press PB5 to save and exit. Values range from 0 to 255(0xFF).

2.2 INDICATORS

The lower right hand corner of the transmitter's LCD will display LOW when the battery voltage is low and requires charging. Place the transmitter on the charger pad as soon as possible after seeing the low battery indicator. See BATTERY CHARGING below. The Select this option to put the transmitter into teach mode and synchronize the receiver and transmitter. See transmitter and receiver synchronization below for more information.

LCD CONTRAST ADJUSTMENT Select this option to change the contrast of the LCD display. Press the PB3 & PB4 buttons to change the contrast percent. Press PB5 to save and exit.

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TX mode Settings

- 1 = Standard Vibro/Drill
- 2 = Hydraulic Impact Hammer
- 3 = Variable Speed Drill
- 4 = Variable Moment Vibro
- 5 = Variable Speed Vibro
- 6 = Tandem Vibro



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