

Uses 2 AAA Alkaline batteries.

FIG. 2 TRANSMITTER HOUSING WITH BATTERY COVER REMOVED

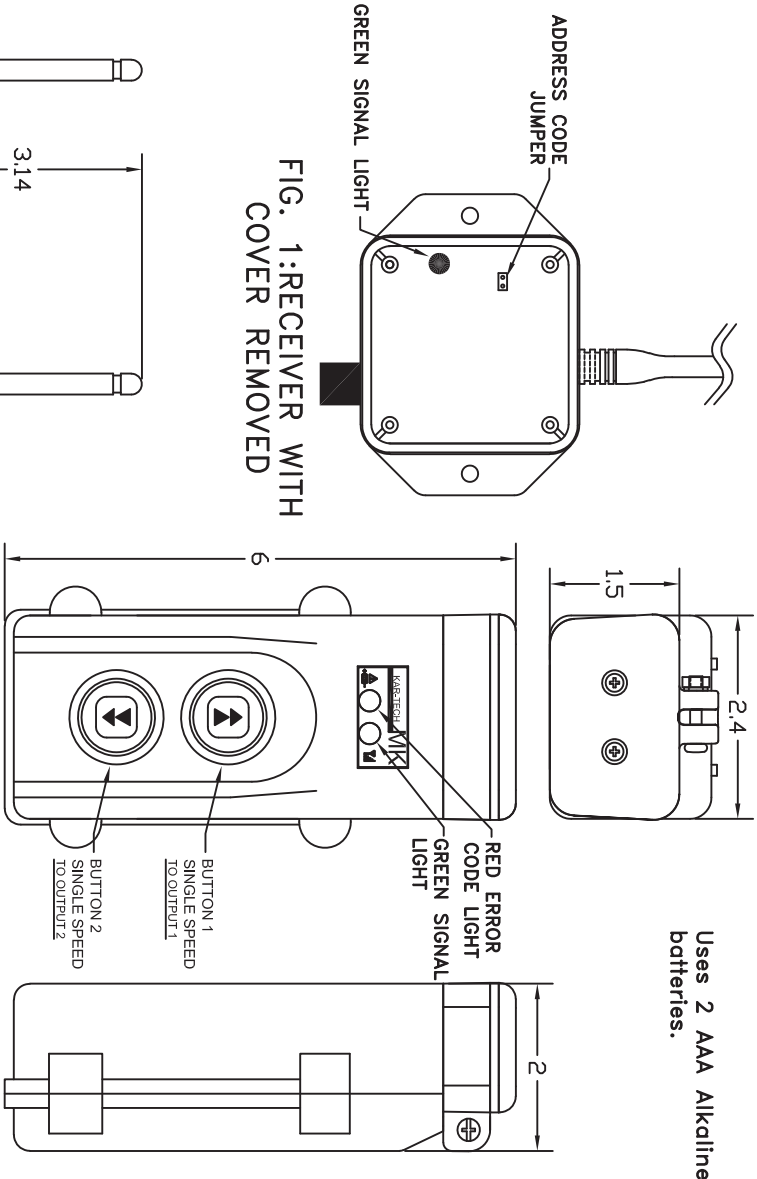
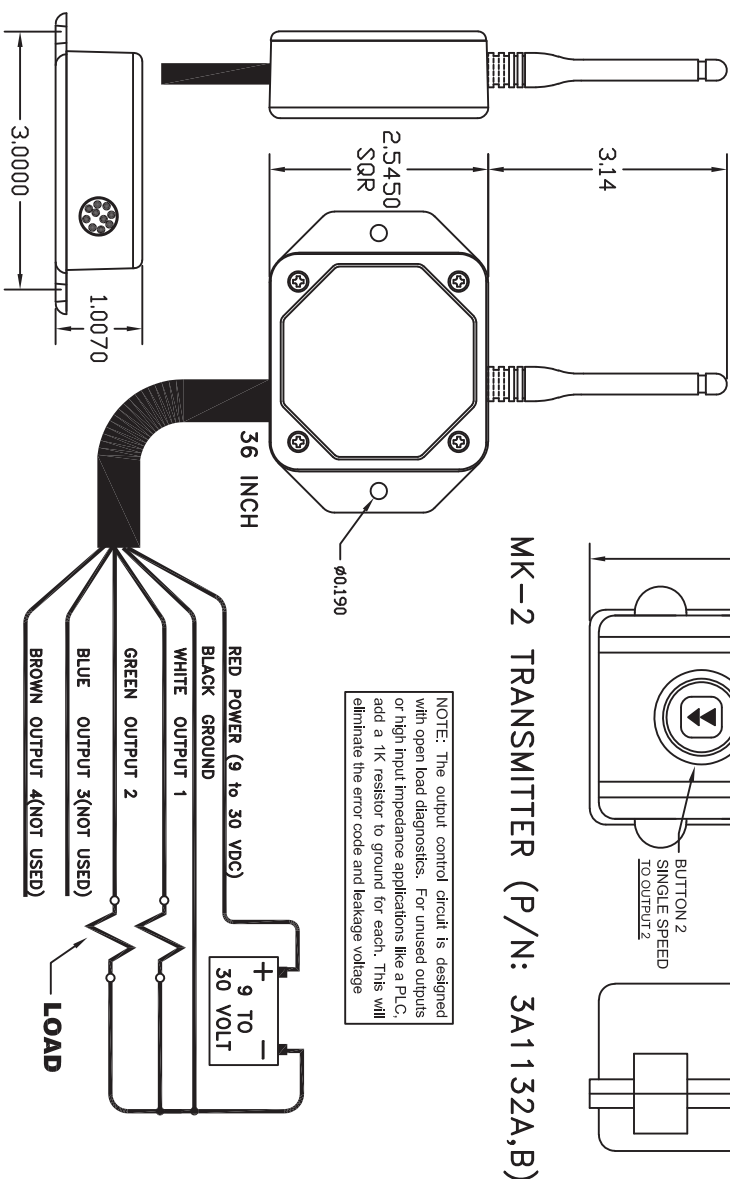


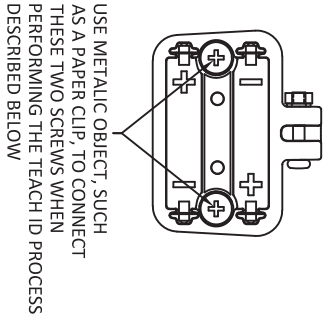
FIG. 1:RECEIVER WITH COVER REMOVED



MK-2 TRANSMITTER (P/N: 3A1132A,B)

NOTE: The output control circuit is designed with open load diagnostics. For unused outputs or high input impedance applications like a PLC, add a 1k resistor to ground for each. This will eliminate the error code and leakage voltage

ERROR CODE	PROBABLE CAUSE
1	LOW BATTERY
2	FAULTY CIRCUIT TO OUTPUT 1
3	FAULTY CIRCUIT TO OUTPUT 2
4	FAULTY CIRCUIT TO OUTPUT 3
5	FAULTY CIRCUIT TO OUTPUT 4



USE METALLIC OBJECT, SUCH AS A PAPER CLIP, TO CONNECT THESE TWO SCREWS WHEN PERFORMING THE TEACH ID PROCESS DESCRIBED BELOW

Operation:
The INSTANT-ON feature allows any button to turn the Transmitter on without needing a power button. There is a Green and Red LED on the Transmitter and a Green LED on the Receiver. The Green LED blinks 2X second if there is communication between the Transmitter and the Receiver. If there is no communication it will blink 1X second (i.e.: no power to the Receiver). The Red LED will blink 1X second if the Transmitter's batteries are low and need to be replaced. The Transmitter's Red LED will also blink to indicate system errors. For example, 2 blinks and a pause means that OUTPUT 1 has a problem (possibly a relay fault). Three blinks and a pause means that OUTPUT 2 has a problem and so on. See error code chart for a list of all error codes.

Address programming:

There are over 64000 possible RF ID codes (identities) for each transmitter and receiver. Transmitter and receiver pairs are matched at the factory. If matching is required, use the following TEACH ID process:

1. Remove receiver cover.
2. Refer to Fig. 2 and remove transmitter battery cover.
3. Use a piece of wire or a paper clip or other conductive material to temporarily connect the two large screws and remove. The transmitter LEDs will blink at this point
4. Apply power to the Receiver.
5. Refer to Fig. 1 and place a jumper across the address code jumper inside the receiver. The green LED will go steady inside the receiver.
6. When the ID is taught, the green LED will blink in the receiver and the transmitter. Remove the jumper across the address code jumper in the receiver.
7. Replace both transmitter and receiver covers.

Specifications:

RF: 900 MHz FHSS 10 mW
Temperature: Operation: -40 to +85 Degree C
Storage: -55 to 100 Degree C
Output Rating: 5 Amps max. each sourcing

PROGRAMMABLE 4 OUTPUT RECEIVER (P/N: 3A1149A)