

RM1 Remote Control System

INSTALLATION SHEET

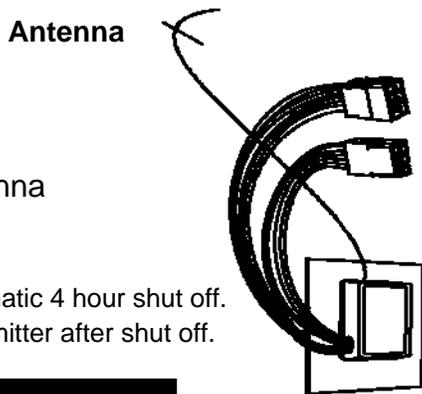
For multiple AS units, use WPC-1 or WPC-2 Control System (sold separately).



This RM1 Remote Control Option package is specifically designed for the SYSTEM 2000 fiber optic illuminator and should not be modified or adapted in any way. This is an electric component and should only be installed by a qualified technician. Please follow the instructions carefully. RANGE IS APPROXIMATELY 75 FEET DEPENDING ON CONDITIONS.

Includes:

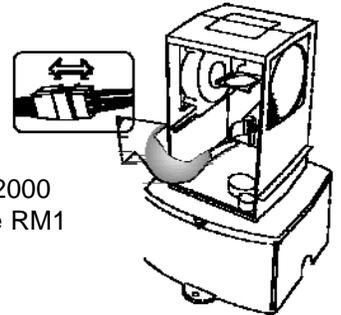
- 1) Transmitter
- 1) Receiver module with antenna



This unit is equipped with an automatic 4 hour shut off. It must be turned on with the transmitter after shut off.

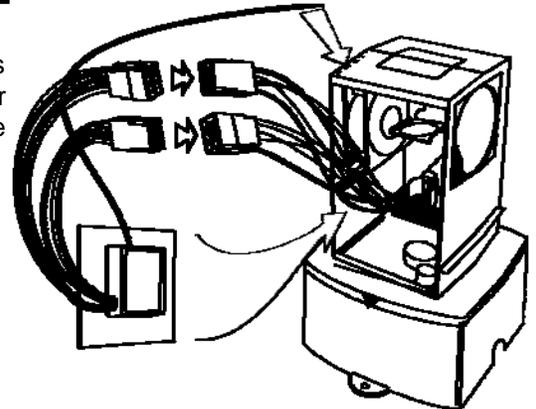
1 Locate the 6 Pin Connector

DANGER: TURN OFF ELECTRIC SERVICE TO THE ILLUMINATOR FIRST!
Remove the two screws securing the cover and remove the cover. Inside the SYSTEM 2000 chassis is a 6-pin plastic connector. Locate the connector and unplug it. This is where the RM1 will connect.



2 Slide the RM1 into the chassis and plug it in

Slide the RM1 into the two slots on the left side of the chassis with the wires facing the FRONT. Plug together the 6-pin connectors (note that the connectors only fit together one way). Secure the wires in the chassis so the fan and color wheel are not blocked. Take the single antenna wire and attach it to the top of the illuminator chassis with a small piece of electrical tape.



3 Change the toggle switches

Replace the cover on the illuminator. Look at the toggle switch label on the rear of the illuminator and move the toggle switches to their correct position-

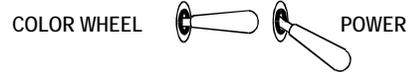
Power - bottom position

Color - middle position

Turn the power back on and test the unit for proper operation by pressing the ON button for power, and the START button for color wheel rotation.

TOGGLE SWITCH POSITIONS

OPTIONAL RM1 CONTROL FOR NON-SYNCH



OPTIONAL RM1 CONTROL FOR AUTO-SYNCH



4 Transmitter



Replacement Battery Type: Std. 9V

BATTERY INCLUDED!

Code Adjustments



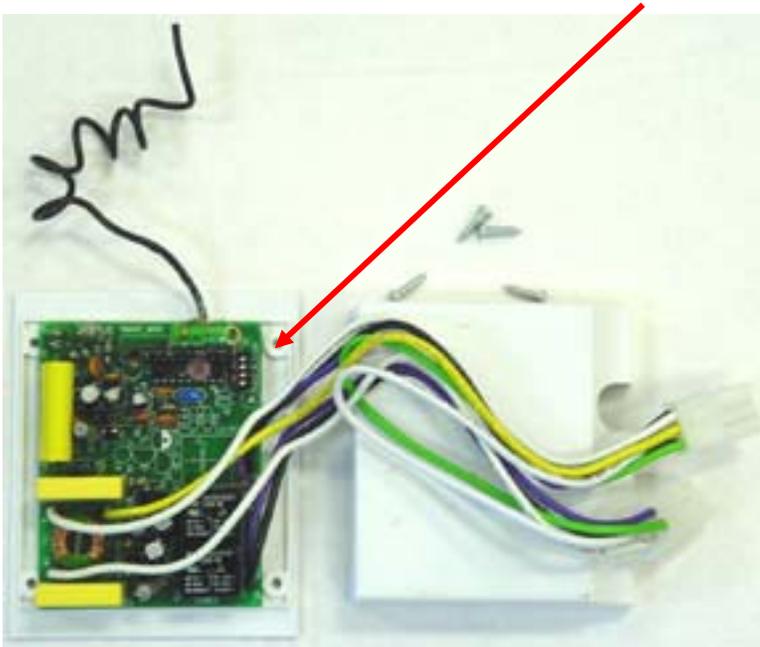
If it is necessary to change the transmission code on the RM1, an adjustment to the receiver AND the transmitter DIP switches must be performed.

RECEIVER DIP SWITCHES- Remove the receiver from the illuminator by sliding the tray out and unplugging the two six-pin connectors. Remove the four screws that attaches the bottom panel to the top cover. Remove the top cover to expose receiver PCB and dip switch. Refer to FIG. C to locate the DIP switch panel.

TRANSMITTER DIP SWITCHES- Remove the 6 screws to expose the remote PCB. Refer to FIG. D to locate the DIP switch panel. Do not discard the rubber gasket.

DIP SWITCH ADJUSTMENT- The four DIP switches have an ON and an OFF position. The default position is all four OFF. Changing just one DIP switch to ON will change the code. **MAKE SURE BOTH THE RECEIVER AND TRANSMITTER HAVE THE SAME DIP SWITCH SETTINGS.**

DIP SWITCH PANEL

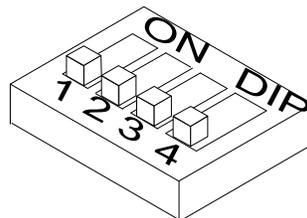


**FIG. C
RECEIVER**

DIP SWITCH PANEL



**FIG. D
TRANSMITTER**



**FIG. E
DIP SWITCH PANEL**