

SINGLE CHANNEL I/R CONTROL

WITH SOURCE AND DETECTOR

ENV-253B

WIRING GUIDE

DOC-164

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Med Associates Inc.

P.O. Box 319

St. Albans, Vermont 05478

Phone: 802.527.2343

Fax: 802.527.5095

www.med-associates.com

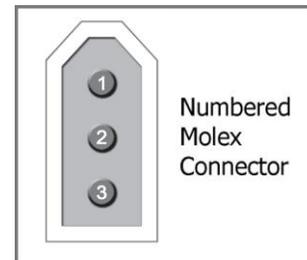
CHAPTER 1 | OPERATION

The ENV-253B consists of a single optical integrated circuit sensor and infrared LED used in the 40kHz pulse mode. The source and detector can be separated up to 30". If multiple units are placed across the same open area there is a possibility of interference.

Connect the female 3-pin Molex connector to any available Input on a standard MED Connection Panel. When the photobeam is broken the green OPERATE LED on the front panel of the ENV-253B will turn on and the input bit will be turned on. These visual indicators may be used when aligning the source and detector.

The ENV-253B also features an Intensity adjustment on the front panel, which allows the user to adjust the intensity of the infrared source. Turn the adjustment screw clockwise to increase the intensity and counterclockwise to decrease. The infrared source is housed in a black canister and the detector is housed in a gray canister.

Molex Pin #	Function	Wire Color
1	28V Ground	Black
2	Input	White
3	+28 Volts	Red



APPENDIX A | CONTACT INFORMATION

Please contact MED Associates, Inc. for information regarding any of our products.

Visit our website at www.med-associates.com for contact information.

For technical questions, email support@med-associates.com.