



OPERATING THE H-SERIES 2-COLOR RECEIVERS

OPERATING THE H-SERIES PHOTODIODE/PHOTOCONDUCTOR 2-COLOR RECEIVER MODULE

POWER SUPPLY: A bipolar power supply is required, +, - 6VDC to +, -15VDC, 50mA. This means a +V, central/common ground and a -V connection - 3 wires total, to pins 6, 7, & 8 on the D-sub connector. The power supply pins should be bypassed physically close to the amplifier module. Double check wiring prior to turning on power. Improper /reverse wiring will damage the unit.

GAIN SELECT: The unit is supplied with a switch which provides a 10:1 HI/LO gain function for each channel. HI GAIN is the "UP" position and LO GAIN is the "DOWN" position of each switch. Consult the individual data sheet for specific values.

AMBIENT LIGHT: Because of the high gains involved, the unit must be shielded from ambient background light during operation. Measurement errors and/or saturation can result from improper shielding.

OUTPUT CONNECTION: The two independent signal outputs are thru BNC terminated cables located on the back of the module.