

## IR-500R Y

### INFRARED WIRELESS RECEIVER



The IR-500R infrared wireless receiver is designed for use with the IR-702T infrared wireless tuner. It can be mounted to a wall or an electrical box.

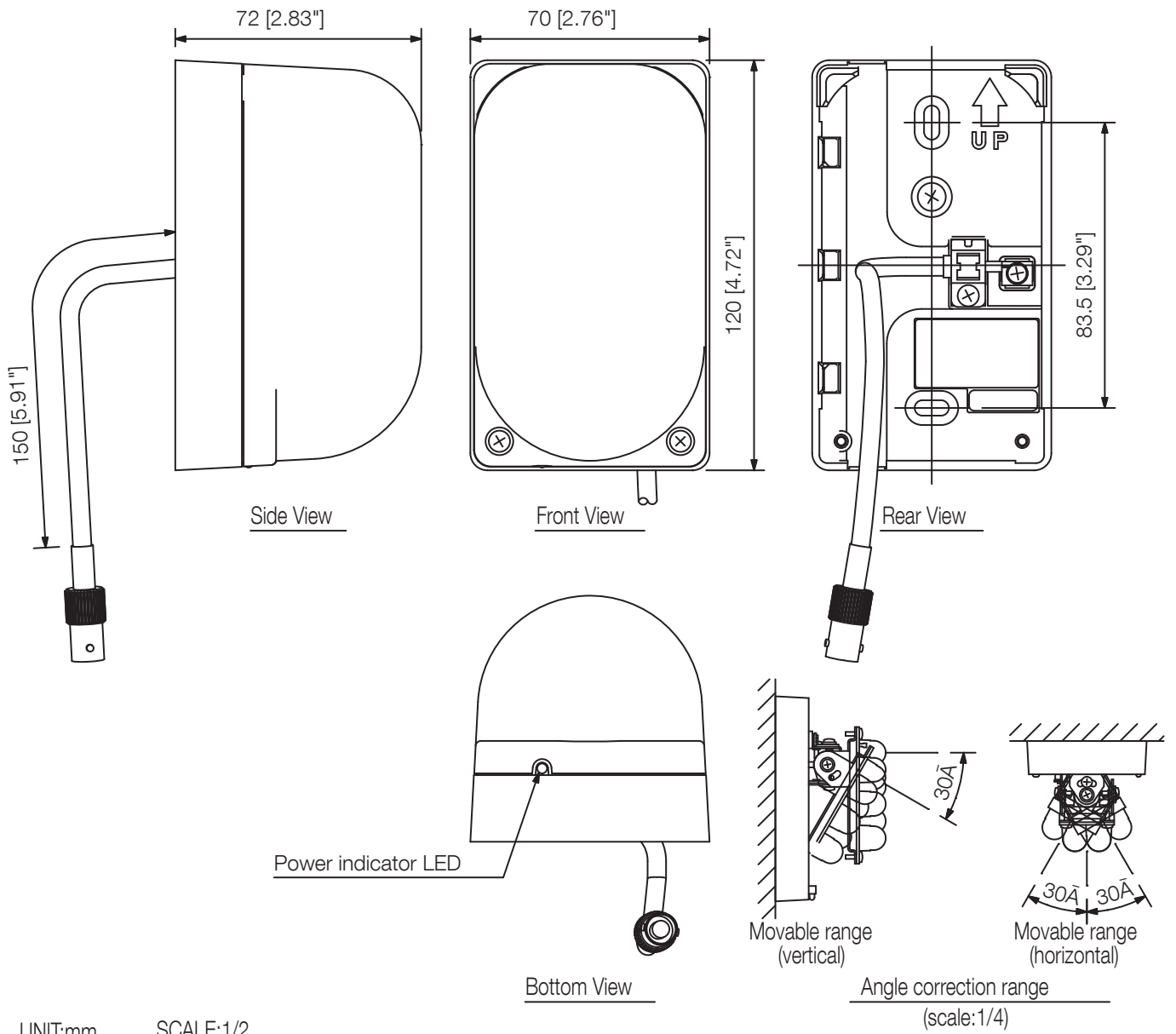
### Key features

- Designed for exclusive use with IR-702T Infrared Wireless Tuner
- Power indicator LED
- Can be mounted to a wall or an electrical box

## Specifications

Power Source	24 V DC (supplied from the IR-702T)
Current Consumption	Max. 40 mA
Infrared Detector	
Wavelength	870 nm
Carrier Frequency	Channel A: 3.100 MHz Channel B: 3.350 MHz
Reception Angle	Vertical: 80° (up to 30° movable downward) Horizontal: 80° (up to 30° movable left or right)
Communication Area	Approx. 15 m (50 ft) in a space without any obstacles
Connection Terminal	75 Ω, BNC jack
Operating Temperature	0 °C to +40 °C (32 °F to 104 °F)
Operating Humidity	30 % to 85 %RH (no condensation)
Finish	Filter section: Polycarbonate, optical cut filter Base: ABS resin, off-white
Dimensions	70 (W) x 120 (H) x 72 (D) mm (2.76" x 4.72" x 2.83")
Weight	220 g (0.49 lb) (unit only)

## Dimensions



UNIT:mm

SCALE:1/2

## A&E specifications

The wall-mount receiver shall be housed on a metal back plate and fitted with a dark tinted plexiglass cover with overall dimensions of 3.0" (W) x 4.7" (H) x 2.8" (D) and weighing .5 lbs. The unit shall have a BNC-type jack for connection to the IR-702T Tuner from which it will also receive 24VDC power. The receiver shall be capable of being installed in a single-gang electrical circuit box and is equipped with power indicator LED. The receiver shall have a reception area of up to approximately 49' line of sight and shall have an internally adjustable infrared light reception angle of between 50° & 80° both horizontally & vertically. The receiver shall also include a wall-mounting bracket. The unit shall be called the TOA IR-500R.