



*Kingfisher Company, inc.*

## Call Box Transmitter

### Features:

- Can Transmit Emergency Response Signals Such As Fire, Security, Police, Hazmat, and Medical
- Box Number and Test Time can be easily programmed by an Android or iOS handheld mobile device
- Modular Transmitter (STAR, STAR-ELT & Electronic Master Box)
- Supports VHF and UHF RF, wired telegraph, and cellular IoT communication technologies
- Self Contained Long-Life 12V Rechargeable Sealed Pure Lead Acid Battery
- Meets and Exceeds NFPA 72 and 1221
- Enclosure Model available in Lime Yellow, Red, Blue or custom
- Tamper/Knockdown Feature Available
- Automatic Self-Testing (RF and IoT Options Only)
- One-Piece Weatherproof Cast Metal Housing
- All Electronics Interchangeable
- Optional Solar Charger
- Factory Mutual and FCC Approved
- Meets Protection and Safety Requirements of Government, Industrial Facility or Municipality
- Latching / Keyed and Non-Latching Buttons
- Optional Semi Flush Mounting Kit available

Your Logo Here!



99911-R-I-PN-1



### Description: WITH THE STAR / ELT TECHNOLOGY

The Kingfisher Company, inc. Radio Call Box utilizes the **STAR / ELT** Software Defined Radio Fire Alarm transmitter. The Radio Call box Transmitter provides the most up to date answer to FIRE, SECURITY, MEDICAL and POLICE emergency response with total reliability and flexibility combined to meet the protection and safety requirements of any government, industrial facility or municipality. The Radio Call box Transmitter is completely stand alone with internal battery capable of up to 6 months service without recharge.

### Description: WITH THE 5G IoT TECHNOLOGY

The **STAR-ELT** 4-Zone Software Defined Radio Fire Alarm transmitter is a self-contained Auxiliary Signaling Device that responds to contact closures from standard fire panels, emergency switch devices, supervisory switch devices, and auxiliary switch devices and transmits encoded emergency event messages to a compatible Kingfisher receiver. The optional IoT module allows the **STAR-ELT** to communicate via cellular infrastructure using any available format including 3G, 4G, LTE, and 5G technologies.

### Description: WITH THE ELECTRONIC MASTER BOX (EMB)

The Electronic Master Box is capable of transmitting up to 8 codes or zones. This significantly increases the performance of the public reporting alarm system because it enables the alarm receiving and dispatch operations to differentiate various types of alarms transmitted from a facility, increasing the speed and accuracy of their response.

The Electronic Master Box is Factory Mutual Approved and compliant with the requirements specified in NFPA 72, Chapter 9, Public Fire Alarm Reporting Systems. It is manufactured in the USA using Industrial Grade Components and designed and built to provide rugged and dependable service under harsh conditions.

## Operation:

The solid state electronic circuitry modules are interchangeable between all Kingfisher Company, Inc Call Box Transmitter housings, including the combination transmitter/interface enclosure. The specific emergency message to be transmitted can be either through selection of a push button labeled with that particular emergency (Fire, Police, Hazmat, Medical Aid, etc.) and/or automatically through the radio master box circuitry which is programmed to automatically transmit any pre-programmed message.

## Mounting:

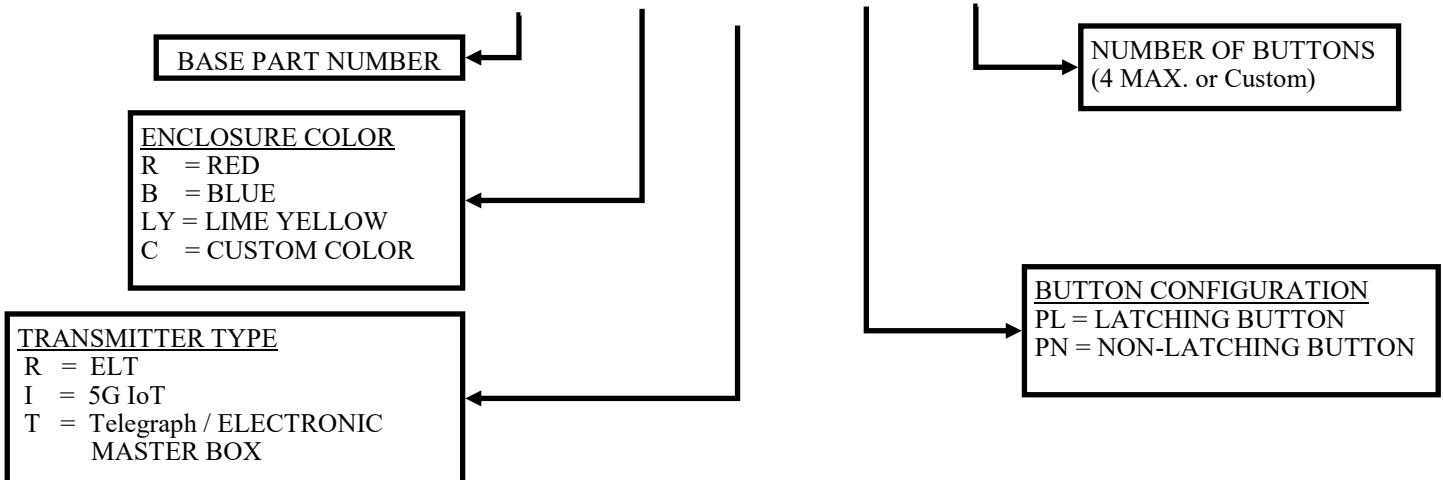
The Call Box Transmitters can be wall or pole mounted. A special bracket is used to mount to an aluminum or wood pole. Installation shall be undertaken only by properly skilled, trained and qualified professionals who are experienced in modern industrial installations and all applicable codes and requirements. Antenna installations must comply with Kingfisher Antenna Installation Manual part #75092.

## Specifications:

Models:	<u>STAR TECHNOLOGY</u>	<u>STAR-ELT</u>	<u>ELECTRONIC MASTER BOX</u>
<b>Power Source:</b>	-Self contained long life 12V rechargeable batter (P/N 17007)	-AC Input—102-264 VAC 50-60Hz, 0.5 Amps @120 VAC @ 60Hz / 1.0A Alarm	-FACP Power—20.4 - 30VDC Non-Resettable (VDC from an FM approved source)
	-Optional Solar Charger	-FACP Power—20.4 - 26.5 (VDC from an FM approved source)	
<b>Transmitter Interface:</b>	Frequency Range: 72 MHz - 176 MHz Modulation: AM Power Limitation: Transmitter output 1 watt maximum (FCC) Bandwidth: Meets FCC and NTIA Narrowband requirements		Hardwire Municipal City Loop Tie
<b>Environmental:</b>			
<b>Temperature Range</b>			
<b>Operational:</b>	-40°C (-40°F) to 60°C (140°F)	0C (32°F) to 50°C (122°F)	-40°C (-40°F) to 70°C (158°F)
<b>Storage:</b>	-40°C (-40°F) to 125°C (257°F)	-20°C (-4°F) to 70°C (158°F)	
<b>Humidity:</b>	<99% non-condensing	<95% non-condensing	90% Non-Condensing
<b>Enclosure:</b>		17" H x 11" W x 8.5" D	

## ORDERING INFORMATION

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KCi #	Model #	Description
91724	FM-C	Semi Flush Mount Kit, Red
91724-B	FM-C-B	Semi Flush Mount Kit, Black

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