

20 Function IP Transmitter with Shift

REPLACEMENT TRANSMITTER

92320TX 20 Function IP Transmitter with Shift Buttons.
(40 Function in Shift Mode)



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TRANSMITTER SPECIFICATION

ENCLOSURE

Material	ABS
Switch Type	Tactile Dome on PCB Keypad
Functions	40
Identification	Pockets for printed text or image insertion

RF

Modulation	2-GFSK. Gaussian Frequency Shift Keying
Frequency	433.050 MHz to 434.790 MHz
Channels	1
Channel Selection	Fixed
Technology	Hand-held Transmitter
Temperature Range	-10° C to + 40° C (13° F to + 104° F). Use Lithium for lower temperatures
Range	60m (200ft)
Aerial	Internal – printed on PCB
Transmitted power	1mW Typical

POWER

Batteries	4 x AAA Alkaline Manganese in holder (6 Volts)
Quiescent Current	15µA
Current Transmitting	20mA

PROTECTION

IP Rating	65
Registration codes	Over 16 million

INDICATOR

Type	1 x Red LED
Off	Transmitter is OFF and in standby mode
Slow flash	Transmitter is ON and ready for use (The SET Button has been pressed and released)
On	Transmitting (A STOP, SET or Function Button is being pressed)
Fast flash	Transmitting – Indication that the battery will need replacing soon

COMPLIANCE

FCC	FCC CFR 47-part 15.231 433.9MHz
IC	ISED RSS-210 Issue 8 433.9MHz
RoHS	Directive 2011/65/EU

EXPLANATION OF “SHIFT” OPERATIONS - as illustrated with a 20 Function Transmitter.

These “SHIFT” operations can be applied to ALL Transmitters. For example, a 10 function Transmitter will give 20 functions – ideal if you do not want the larger 20 function Transmitter.



To operate 2 x 20 function Receivers, giving 40 functions

This is a standard 20 function Transmitter, modified so that it transmits 20 functions in two different modes.

The Green SET Button is the SHIFT button. Both 20 function Receivers can therefore be operated by one Transmitter.

Press the Green SET Button to turn both Receivers on - it will start in mode One; press it again for mode Two; press it again for mode One, and so on.

Press the Red Stop button to turn both modes off.

Receiver One (functions 1 to 20) is operated with the SHIFT buttons in mode One, indicated when the **Keypad LED** is flashing during operation.

Receiver Two (functions 21 to 40) is operated with the SHIFT buttons in mode Two, indicated when the **Enclosure LED** is flashing during operation.

To register a Transmitter to its TWO Receivers.

Switch OFF or DISCONNECT the power to the Receivers.

Switch ON or Reconnect the power to Receiver ONE, this opens a **10 SECOND** registration window in its processor.

Immediately **PRESS** and **HOLD** the green **SET** button while the registration window is open until the **SET** LED lights (5 seconds), the **SHIFT** function must **NOT** be active.

Receiver TWO, repeat the process but this time **PRESS** and **HOLD** the **SHIFT** button, and **PRESS** and **HOLD** the **SET** button until its **SET** LED lights.

You have now coded the Transmitter to both receivers.