

EP095CM WiFi Transmitter

Multi-Pull

THE SYSTEM FOR SHOOTING
GROUND AUTOMATION

EP095CM WiFi Transmitter

The Multipurpose Digital Transmitter model EP095CM WiFi can operate in different ways:

- Chip Card recharger
- Single target release with or without chip card
- Round target release with or without chip card
- Remote controller for a control unit EP095M series

It is easy to operate, it has a luminous display supporting many languages, is equipped with WiFi TX/RX.

The plastic housing is lightweight, it can accept chip cards and the back has a



Technical Characteristics

Dimensions of main console:	195 x 100 x 50 mm.
Weight:	0,5 kg
Power consumption :	4 x 1.2v rechargeable batteries 3.000mA/each
WiFi frequency:	865MHz ÷ 867MHz
Maximum output power:	27dbm
Sensitivity:	- 109dbm
Operating temp. range:	-10°C ÷ +45°C

Performances

The EP095CM unit is able to control EP095CR series receivers or to remotely control the operation of the EP095M control unit.

In the first case it operates as a transceiver, ie it sends a release command to an EP095CR receiver and then waits for the response from this. Only in the event of a positive answer does it deduct the cost of the released target(s) from the chip card.

In the second case it can fully manage the EP095M control unit by changing the discipline, booking shooters with or without chip card and managing the progress of the series.

It can control both the traps connected via wifi and those connected with cables to the EP095M control unit. Through this unit it is possible to have particular disciplines for training, both for trap and skeet.

The adopted frequency allows to travel great distances without signal loss, the power is however adjustable between 5 levels.



EP095CR Receivers

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EP095CR Receivers

The receivers EP095CR series can be of different type depending on the available outputs:

- ◆ EP095CR-8 with 8 outputs— mostly used for Compak
- ◆ EP095CR-1 with 1 output — mostly used for Compak
- ◆ EP095CR-2 with 2 outputs— mostly used for Skeet

All outputs for trap machines consist of a free contact of a relay. Can be programmed to provide a simple pulse to release the target, or to provide a pulse of programmable duration for the movement of some special trap machine that may have some position adjustments (tower, candle, ...).

With an external antenna this receiver can also be positioned at a great distance from the transmitter. The configuration for the range number, i.e. the frequency channel, and for the trap number, can easily be done via an internal dip switch.



Technical Characteristics

Dimensions of EP095CR8:	200 x 150 x 80 mm.
Dimensions of EP095CR2-1:	155 x 114 x 70 mm.
Power consumption of EP095CR:	12vdc/ac, 200mA max
WiFi frequency:	865MHz , 867MHz
Maximum output power:	27dbm
Sensitivity:	- 109dbm
Operating temp. range:	-10°C ÷ +45°C
Protection degree	IP56

External Antenna

The external antenna supplied with this receiver consists of an antenna approximately 10 cm long. with mechanical support and a coaxial cable with OSM connector. It allows to gain several db compared to the internal integrated antenna and for the long cable it can be placed in the most suitable position.

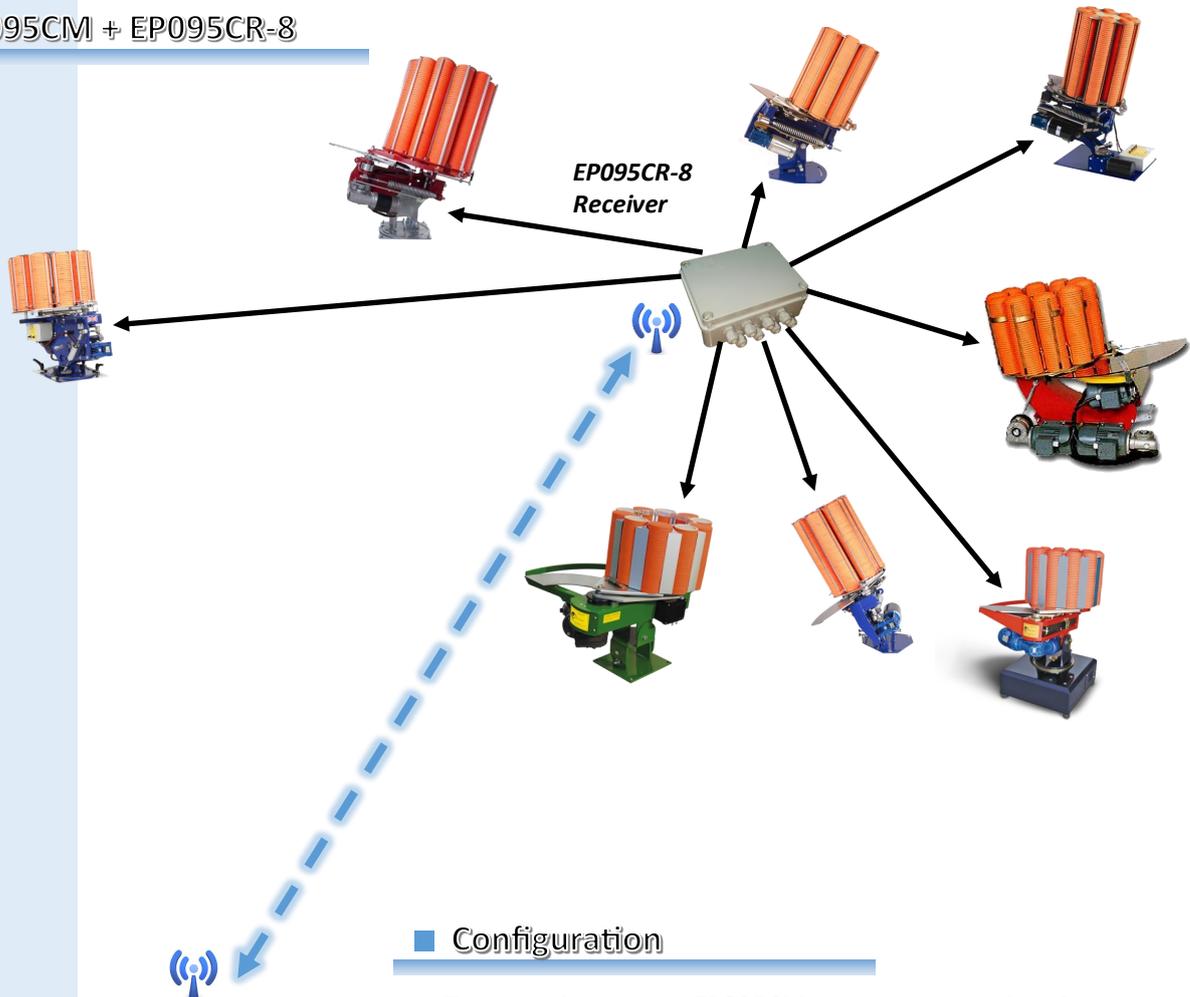


EP095CM-CR Application

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■ EP095CM + EP095CR-8



Chip Cards

■ Configuration

Transceiver model EP095CM connected to a Receiver, model EP095CR-8 with 8 outputs to drive up to 8 traps.

It's possible to drive up to 16 traps with two separate receivers model EP095CR-8

The traps are connected to the receiver EP095CR-8 via cables.

■ Typical Application

This configuration is used when the traps are not moved frequently or are not very far from each other

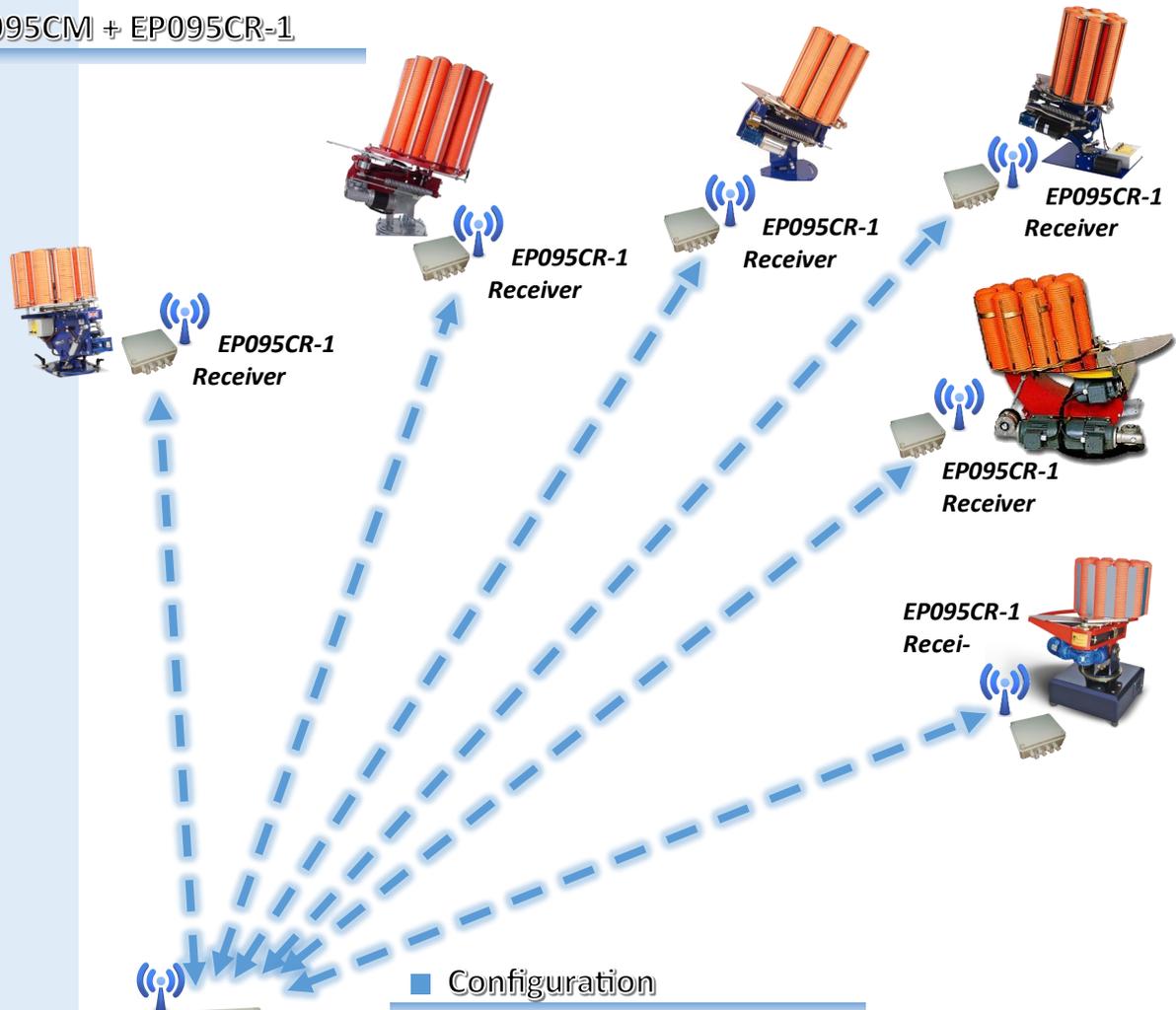


EP095CM-CR Application

Multi-Pull

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■ EP095CM + EP095CR-1



■ Configuration

Transceiver model EP095CM connected to many Single Receiver, model EP095CR-1, one for each Trap.

It's possible to drive up to 8 traps with 8 separate receivers model EP095CR-1.

■ Typical Application

This configuration is used when the traps are moved frequently or are far from each other



Chip Cards

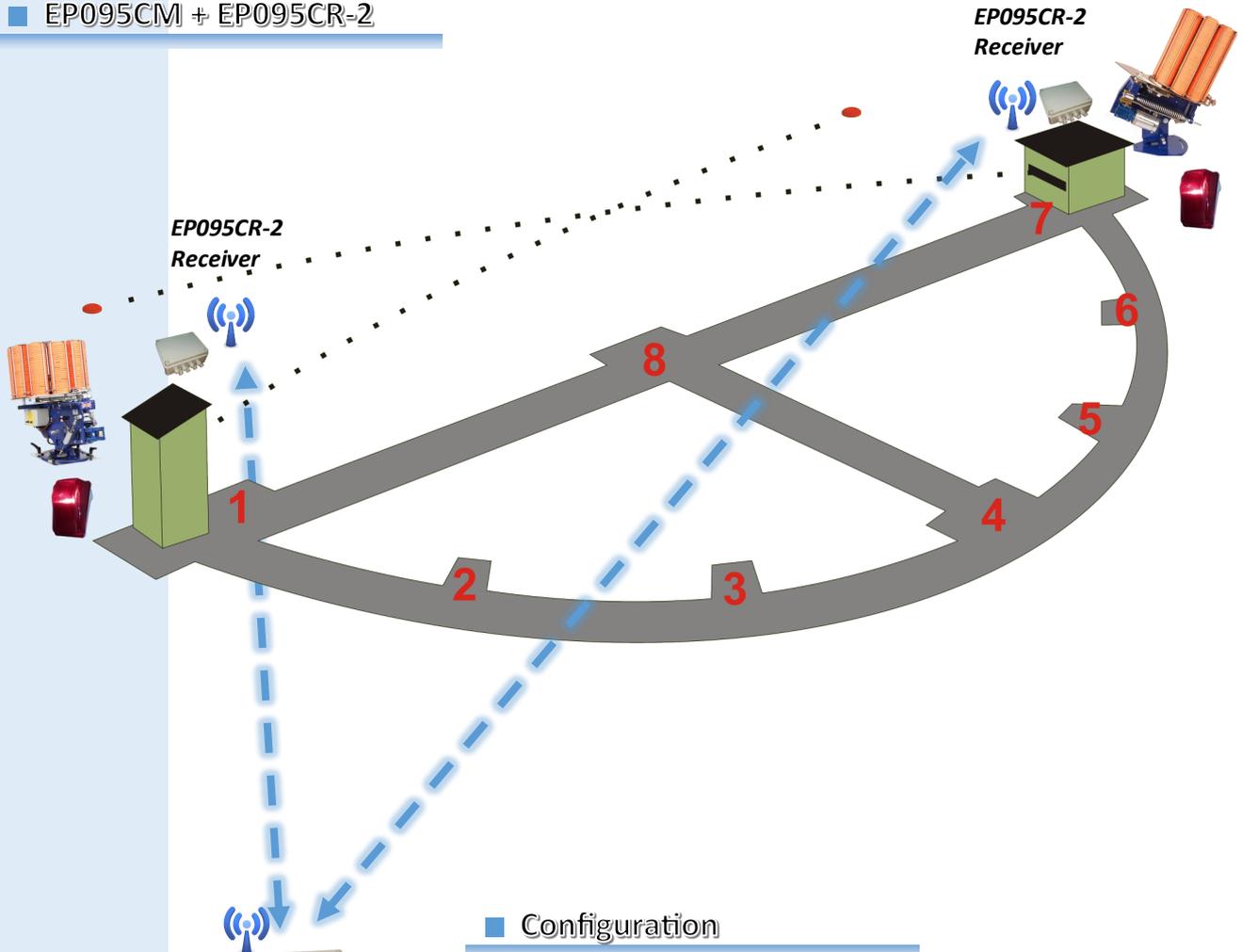


EP095CM-CR Application

Multi-Pull

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■ EP095CM + EP095CR-2



EP095CR-2
Receiver

EP095CR-2
Receiver

■ Configuration

Transceiver model EP095CM connected to two double Receivers, model EP095CR-2, one for Pull and another for Mark to drive lamp and Skeet machine.

■ Typical Application

This configuration is used for Skeet ranges to drive machines and lamps without cables. It allows not only the official Skeet but also many disciplines for training.



Chip Cards



EP095CM Other Versions

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■ Chip Card Charger EP095CM

The EP095CM model can be supplied in the version in which it works only as a manual Chip Card loader. In this capacity the unit is completely similar to the main version, except that the WiFi module is not installed inside and consequently only the functions relating to the charging operations of the Chip Cards.



In this configuration, the EP095CM model is used by the Club staff to manually recharge the users' Chip Cards, thus offering a service characterized by great flexibility and usability of the services.

■ EP095CM for Shooting Lines Control

The EP095CM unit can also be supplied in a version that includes an output with a power relay, used to activate a firing line or any other function that requires an activation via a relay.

In this capacity, the EP095CM model can function in two ways:

- ◆ **Relay time activation:** once a predetermined amount has been deducted from the user's Chip Card, the unit activates the relay for a given time, allowing it to take advantage of a precision firing line, or a other similar function
- ◆ **Relay pulses activation:** once a predetermined amount has been deducted from the user's Chip Card, as soon as a button is pressed, the unit closes the relay whose pulse activates, for example, a mobile template or a similar device that requires a impulse. The number of pulses for each amount deducted from the Chip Card can be predetermined by the Operator.

