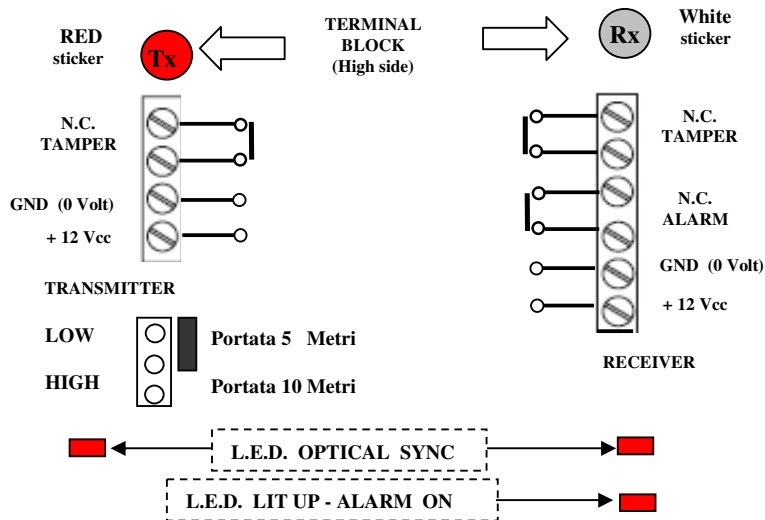


Ordering codes	Description	(Nr. of Beams – Height Barrier)
WSA TOP 05	2 or (4) direct (crossed)	Rays barrier H= 0,5 Metres
WSA TOP 10	4 or (10) direct (crossed)	Rays barrier H= 1,0 Metres
WSA TOP 15	6 or (16) direct (crossed)	Rays barrier H= 1,5 Metres
WSA TOP 20	8 or (22) direct (crossed)	Rays barrier H= 2,0 Metres
WSA TOP 25	8 or (22) direct (crossed)	Rays barrier H= 2,5 Metres

Wiring to WSA TOP



USER GUIDE

WSA TOP 05 ... 25

- Anti-Switching FILTER on board
- Inteligent OPTICAL Synchronization
- Tripple optics for each Tx beam

2 to 8 beams I.R. BARRIER with internal electronics Max Range : 10 Mt.

APPLICATIONS

- Anti-intrusion for Doors and Windows
- ACCESS Control

OPTTEA s.r.l.

Via Saragat , 14
40062 Molinella (BO) - ITALY

Tel.: +39 051 665.00.71 Fax.: +39 051 665.00.28

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General Description.

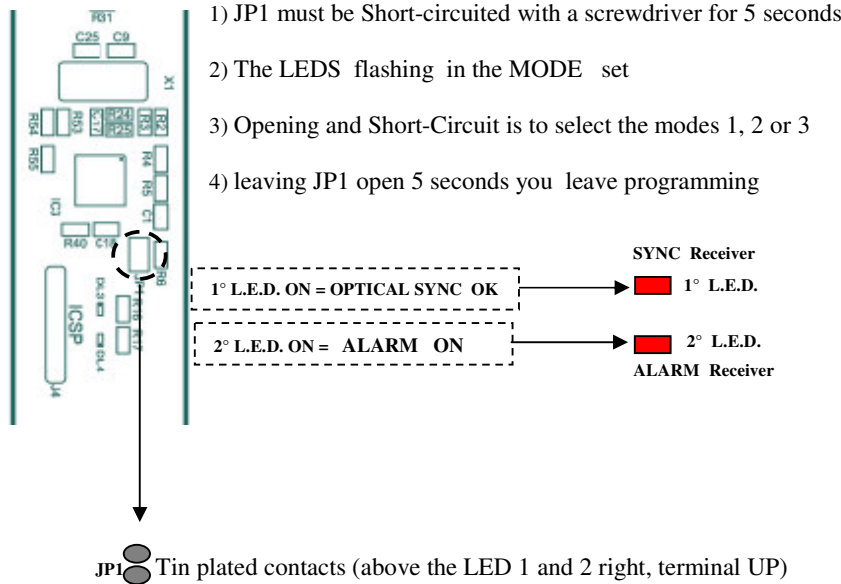
The WSA TOP barrier is managed by a microprocessor which controls all major functions and manages the OPTICAL SYNCHRONIZATION. The software allows the barrier to operate in 3 different ways, which basically summarize the various installation requirements. Direct or crossed rays , AND Function with 2 ADJACENT beams to get an ALARM . By the use of a screwdriver, you make a SHORT circuit between 2 points on the RECEIVER Barrier and you get in quickly and easily, the desired MODE of operation. Barriers are factory pre-programmed as follows:

- from 2 to 4 Rays → **Mode 1** (1 Beam for ALARM)
- from 5 to 8 Rays → **Mode 2** (2 Beams for ALARM)

PRE-Operation mode set on the receiver

- Mode 1 (BLINK LED 1-SYNC)** : Direct rays - Alarm with 1 beam - T-int 240 mSec.
- Mode 2 (BLINK LED 2-ALARM)** : Direct rays - Alarm with 2 beams - T-int 120 mSec.
- Mode 3 (BLINK LED 1 and LED 2)**: Crossed rays – Alarm with 2 beams - T-int 120 mSec.

WSA TOP Programming (RECEIVER side)



Technical Features WSA TOP

- OPTICAL range Min - Max** : 0, 5 - 6 Metri w/h Jumper **LOW** su Tx
- OPTICAL range Min - Max** : 4 - 10 Metri w/h Jumper **HIGH** su Tx
- Nr. Of BEAMS for ALARM** : 1 o 2 (ADIACENT)
- Nr. Direct / Crossing RAYS** : 2 ... 8 / (4 ..22)
- Minimum range for Crossing** ≥ 2 Metri
- Trigger time** : 120 or 240 mSec.
- Turn OFF time** : 1 Second
- Supply voltage - current** : 12 Volt (10±16) Vdc - 30 mA (6 Beams)
- Outputs BARRIER** : N.C. **ALLARME** (Rx only) and N.C. **TAMPER PROOF**
- Contact load** : 24 Vcc - 0.5 A
- Operatine temperature** : (-15/+60) °C
- IP grade** : IP 44

Other Technical Features of WSA TOP

- Automatic Recognition number of RAYS installed (from 2 up to 8)
- 3 Pre-Set Operating mode by Microprocessor
- Anti- Switching FILTER** on board
- Tripple I.R. L.E.D.** onto **Trasmitter** with **FAIL SAFE** drivers
- Intelligent OPTICAL** Synchronization with **MEMORY**