Layer ⅜ Services

ExploSim Quick Start Guide

Before use, read the Instruction Manual available on the supplied USB device and at www.layer3services.net.au.

① Open Transmitter Case.

② Fit antenna, do not overtighten, and place the metal protective cap on the Charger fuse holder for temporary storage.

③ Attach the provided external trigger (located in Receiver Case) to external connectors.

④ Lift the protective cover and push red light button to power up ExploSim, this will take a few seconds and start the screen (if the screen does not start press the green light switch).

⑤ Once the home screen opens and using the key pad:

- Select Settings (blue key);
- Select 1 'Mode Selection' then choose '2. Blast Assessment' mode which uses the built-in timer *(select '1. Bomb Tech' mode to use the external trigger)*;
- Select 'Explosives' (yellow key);
- Select a type of explosive from Common, Military or IED menus;
- Enter the quantity of explosive;
- Select the delay from zero seconds to 12 hours (*in Blast Assessment mode*); and,
- Press Enter (green key).

6. Remove receivers and turn them on by pushing rubber button on bottom of receiver, the red LED within the rubber switch will illuminate and, when ready, the Green LED on the top of the receiver will flash (approximately every 5 seconds).
7. Place the transmitter where required and place or issue receivers to participants. Receivers should be stood upright
8. Press the Detonate (green) key to initiate the explosion, the transmitter will send a signal equivalent to the type and amount of explosive selected (*or push external trigger in 'Bomb Tech' mode*).
9. Each receiver determines if it is in the range that equates to: blast lethality (Red LED), blast injury (Orange LED) or fragment injury (Blue LED), this may take a few seconds. Red and Orange LEDs also indicate significant structural damage.
10. Reset the receivers by turning them off and on again using the rubber button on the bottom or via 'Settings' (blue button) then chose '3. Clear RX LEDs' and confirm by pressing the green key.
11. Reset the transmitter by setting up a new scenario.
12. When finished, turn off all receivers and turn off the transmitter by pushing the red light button The system will take a few seconds to shut down
13. Clean, inspect and pack away all equipment.

For best results, the transmitter and receivers should be located at least one meter (3 feet) above the floor/ground.