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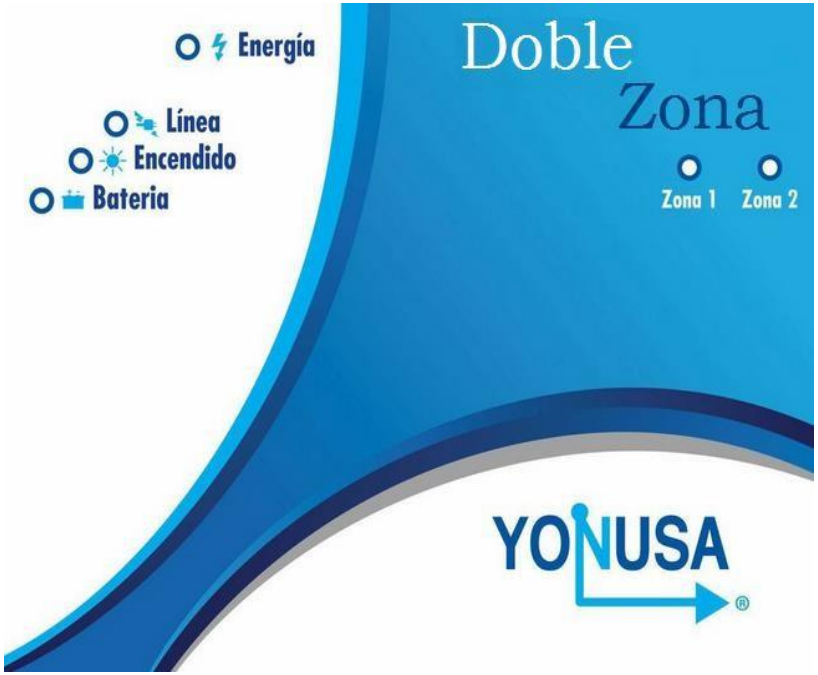
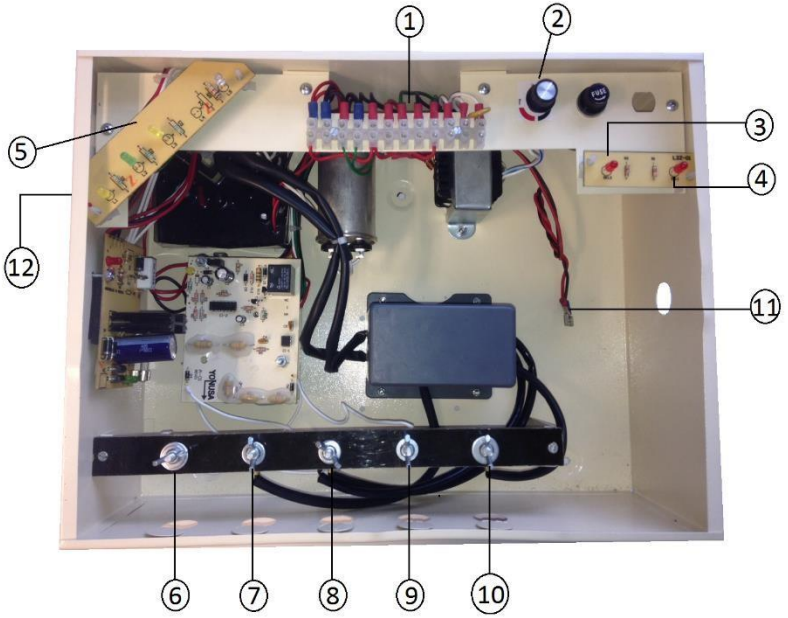
User Manual

High Frequency Dual Zone Energizer.



Getting to know your Double Zone team.



1. Upper terminal kulka.
2. Power regulator.
3. Zone 1 Alarm LED. Zone 2
4. Alarm LED. Device status
5. LEDs. Zone 2 voltage
6. return. Zone 2 voltage
7. output.

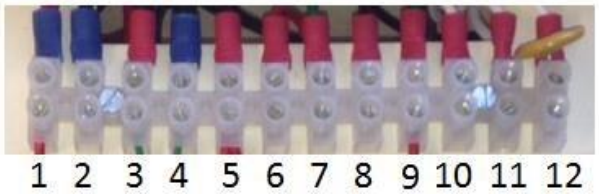
8. Physical Ground Connection.
9. Voltage Return Zone 1.
10. Zone 1 Voltage Output.
11. Terminals for battery connection.
12. Equipment power switch.

Please be so kind as to read the following manual for connecting the dual zone energizer.

know the way to

Important Note: Please do not exceed the potentiometer turn more than the indicated mark.

Kulka of upper terminals.



1. Auxiliary Positive (+) 12 Vdc, 1 Amp.
2. Auxiliary Negative (-) 12 Vdc, 1 Amp.
3. Terminal 1 equipment power switch (included).
4. Terminal 2 equipment power switch (included).
5. Common dry contact Zone 1.
6. Normal Open Dry Contact Zone 1.
7. Normal closed dry contact Zone 1.
8. Common dry contact Zone 2.
9. Normal Open Dry Contact Zone 2.
10. Normal closed dry contact Zone 2.
11. Power supply 127 Vac.
12. Power supply 127 Vac.

Unique Equipment Features.

- A single energizer to power two electric fence zones.

- A single physical ground installation.
- Anti-plant equipment.
- 3 Joules power in each zone.
- Maximum range of 3000 linear meters per zone.
- Independent signage by zone.
- Consumption of 0.3 Amp. 3.6 W/h
- Approximately 40% economic savings
- Option to place a general siren or one for each zone.
- A single battery.
- Visual alerting in the equipment cabinet.
- Dry contact exit from both fences.
- Option to connect both fences as zones of an alarm panel.

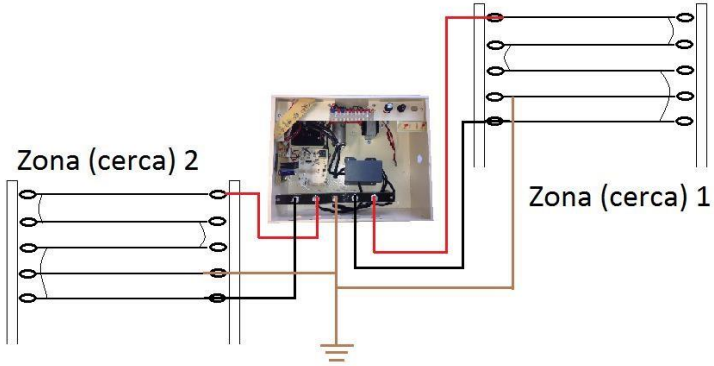
General Specifications.

- Integrated battery charger and internal space to accommodate a 4-7 Amp/h 12VDC battery, which supports the equipment for 37 days of work.
- Option to power the equipment using a solar panel.
- Intrusion detection by:eitherVoltage attenuation.eitherLine cut.
  eitherLanding of the line.
- Its illuminated front panel makes it easy to know the operating status of the equipment.
- Excellent stability against rain and plants (does not generate false alarms).
- Operation even when the fence is broken or damaged.
- Security key control for turning the equipment on, off, and locking it.
- Optional remote control input port for up to 20 remote controls, including two permanent or push-button dry contacts, siren confirmation for opening and closing, and a panic function. Range of 75 meters with line of sight.

- Designed for heavy duty use for continuous operation.
- Capacity to operate 2 sirens at 12VDC, 30 watts, 120 db.
- Option to integrate telephone or digital dialers.
- Compatible with GPRS, satellite and Wifi Yonusa communicators.
- Its power circuits are protected by fuses, electronic voltage regulators, and transient suppressors that protect the equipment and allow it to operate with a variation of +/- 15% in supply voltage.
- Metal cabinet with electrostatic anti-corrosion paint.
- Dimensions: 38cm x 29.5cm x 13.5cm.
- Weight 4.5 Kg approx.
- Output operating frequency: 1Hz.
- Operating temperature range -20°C to 90°C

Electric fence connection.

For connection to your electric fence we recommend following the diagram

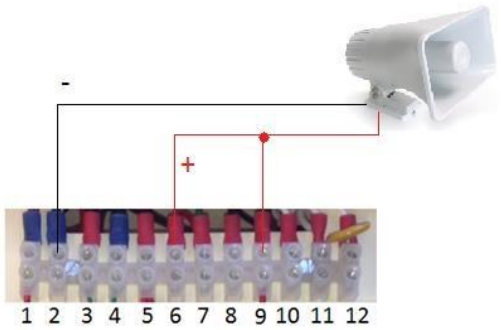


shown:

- We recommend that you connect high voltage outlets to the highest fence lines.
- According to the diagram**Getting to know your Double Zone team** On the first page, connect the voltage outputs and returns to the corresponding terminals.
- The ground terminal is where both fence ground lines, as well as the copperwell ground rod, should be connected.

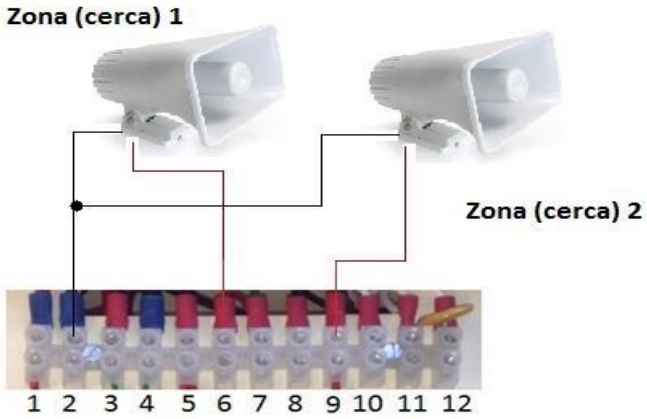
For more information about installing the physical ground, please refer to the electric fence installation manual and the YouTube channel.
YonusaMX.

Connection of a single siren without reset time, for both fences.



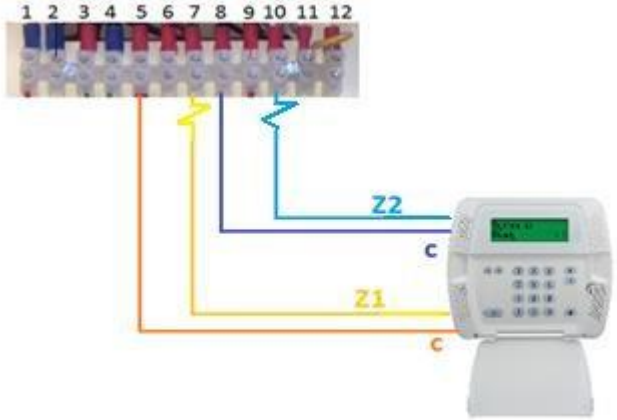
- Considering 30 watt siren, 12VDC.
- The siren negative is placed on terminal 2 of the connection kulka.
- The siren positive will run in parallel at terminals 6 and 9.

Connection of independent sirens for each zone.



- 30 watt, 12 VDC sirens.
- The negatives of the sirens are both connected to terminal 2 of the kulka.
- The positive terminal of the siren that will alert the alarm of zone (fence) 1 must be connected to terminal 6.
- The positive terminal of the siren that will alert the alarm of zone (fence) 2 must be connected to terminal 9.

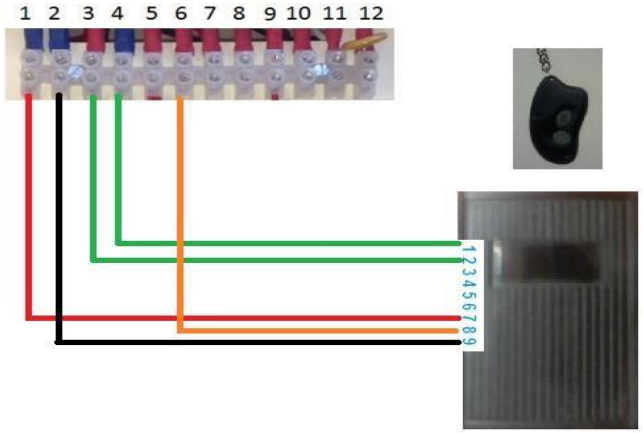
Connection to alarm panel (model without interface)



- Please remove the red wired jumpers from terminals 1 to 5 and 5 to 8 in the connection box.
- Terminals 5 (1), 6 (1) and 7 (1) corresponds to zone 1 and terminals 8(2), 9 (2) and 10 (2) correspond to zone 2.

- Connect two of your 24-hour programmed zones from the alarm panel to the energizer zones, ensuring that the end-of-line resistor is in the same position.

Connection for turning on the equipment using a remote control.

- The 

  The remote control receiver's power supply can be connected to the auxiliary terminals. The positive power terminal is connected to terminal 1 of the connection box, and the negative power terminal is connected to terminal 2 of the connection box.
- If your remote control has a terminal for siren confirmation please connect it to terminal 6.
- To turn on the equipment, connect the common (**With**) of one of your channels of your remote control receiver to terminal 3 of the kulka of connections and the normally open (**NA**either**NO**) at Terminal 4.