

58kHz DOUBLE CHECKER

MANUAL

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Overview

SYSTEM DESCRIPTION

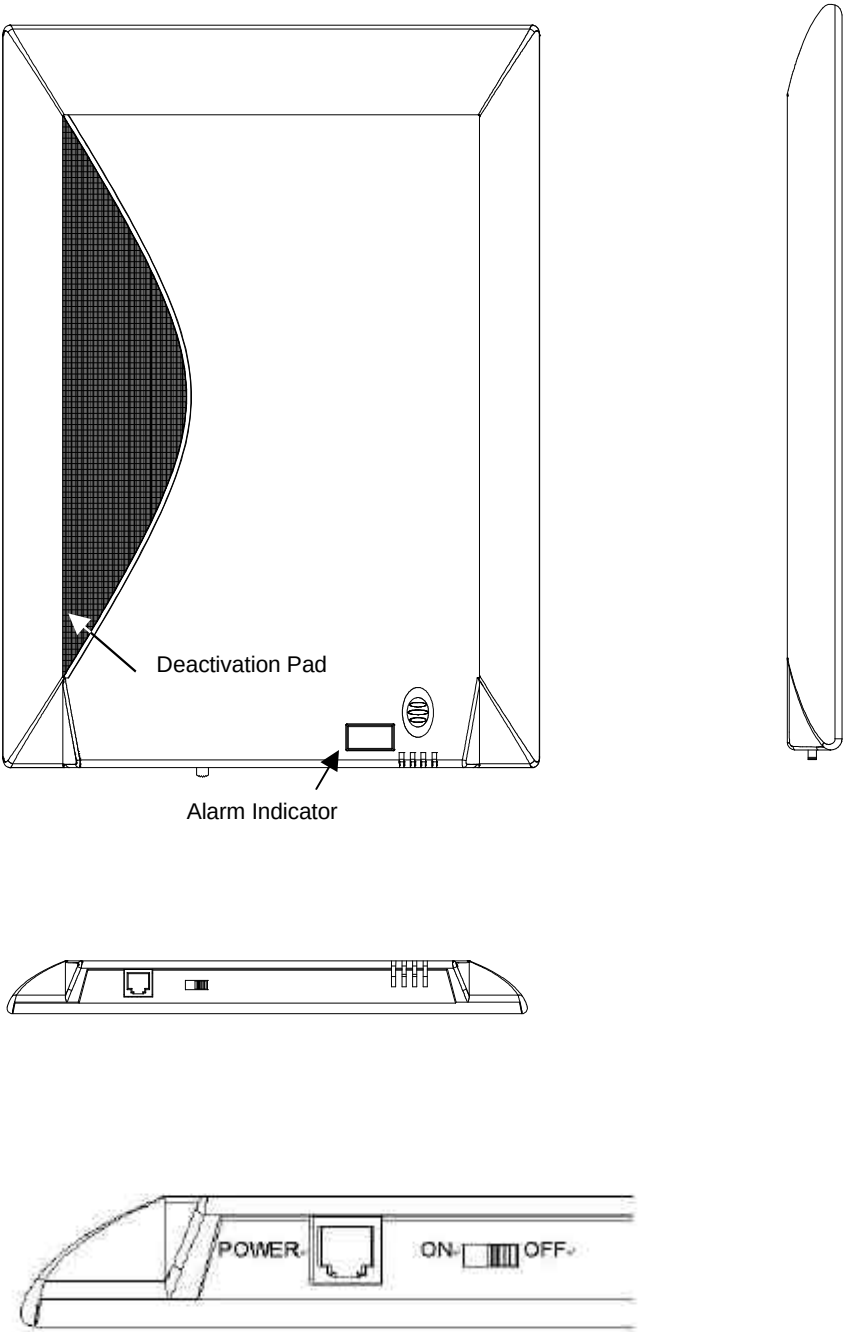
Double checker is a compact size Electronic Article Surveillance detector that works with any 58kHz accousto-magnetic tags and labels. This device is plug and play, which eliminates the need for expensive technicians in installation.

Double checker has the latest signal processing technology that constantly checks the environment and can operate at a higher level of sensitivity, resulting in an excellent detection height of 15cm above the device surface.



Technical Data	Europe	United States
Length	32mm	13.4"
Width	24mm	9.5"
Thickness	2.5mm	1"
Weight	0.7Kg	0.3lbs
Power	220-240vac	110-120vac
Operating Frequency	58kHz	58kHz
Maximum Detection Height	15 cm	6 inches

SPECIFICATIONS



Mechanical

Dimensions (L x W x H)
Double checker box 34 x 24 x 2.5 cm (13.4 x 9.5 x 1 in)
Unit weight 0.70 kg (0.3 lbs)

Power supplier..... 65 x 51 x 8 cm (25.6x20x3.1 in)
Unit weight 0.3 kg (0.14 lbs)

Electrical

AC Voltage for power supply.....100-120VAC
220-240VAC @ 50-60Hz
Current Draw 0.027Arms
Input Power < 6 watts

AC Voltage for double checker..... 10VAC x 2
Current Draw 0.1Arms
Input Power < 3 watts

Environmental

Operating Temperature 0 to 50 °C (32 to 122 °F)
Relative Humidity..... 0 to 90% (non-condensing)

Regulatory

Safety CE ****
EMC FCC P9I WGDC58K

PARTS LIST

WGDC58K	Double checker box	1 PC
WGDCPS110	Double checker power supplier	1 OF 2 PC
	110VAC (USA)	
WGDCPS220	Double checker power supplier	
	220VAC (Europe)	
WGDC58K Manual		1 PC



Power Supply (1 of 2 types)
**CHECK THE TYPE WITH
LOCAL POWER VOLTAGE**

- WGDCPS110
110VAC input for US
- WGDCPS220
220VAC input for Europe



INPUT POWER

NOTICES

Double checker requires two of 10VAC 0.1Arms power. Customer can use transformer provided within the package.



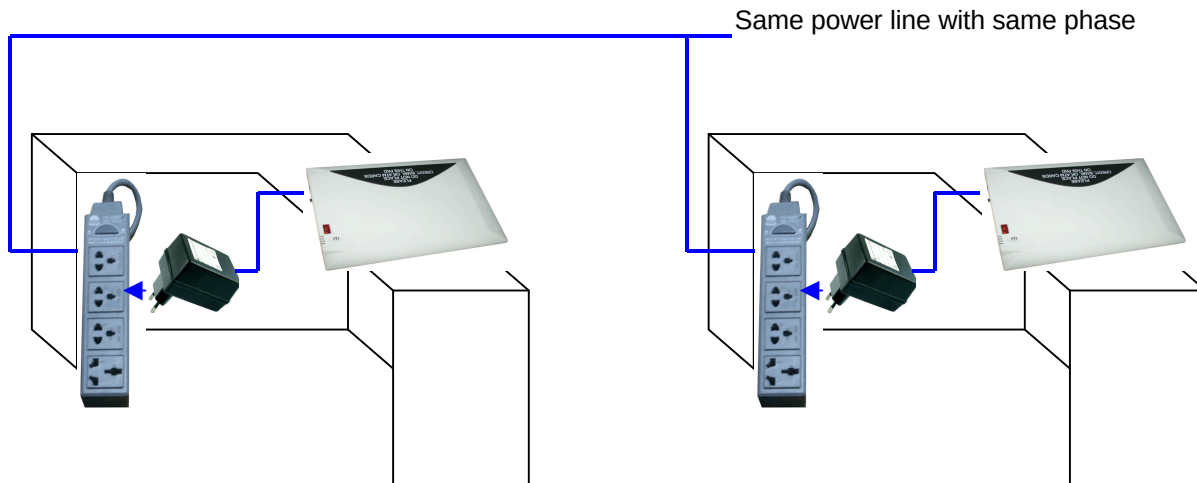
PLEASE CHECK THE TYPE OF TRANSFORMER WITH LOCAL POWER VOLTAGE
BEFORE APPLYING AC TO DOUBLE CHECKER

AC Voltage for power supply.....100-120VAC @ 60Hz
220-240VAC @ 50Hz
Current Draw 0.027Arms
Input Power < 6 watts

AC Voltage for double checker..... 10VAC x 2
Current Draw 0.1Arms
Input Power < 3 watts



No dedicated power line is needed and neither is special grounding necessary, but if there are multiple devices used, **PLEASE PLUG THE DEVICE ONTO THE SOCKETS FROM SAME POWER LINE**, otherwise please adjust phase switch to place multiple devices of double checker into the same working phase.



QUICK START INSTRUCTIONS

Before You Install

Congratulations on your purchase of one of the finest EAS devices on the market. This is the Installation Instructions manual.

Receiving Inspection

Inspect all shipping containers for any signs of damage. If any is found, notify the shipping company. If there is no obvious damage, continue with the unpacking instructions.

Unpacking Instructions

Carefully remove the contents of container and place on a flat level surface. Compare the contents with the Part List to ensure that there no missing items. Make a note of any discrepancies.

Equipment Inspection

Inspect all equipment for damage. Items to specifically check, and damage to look for, are listed below:

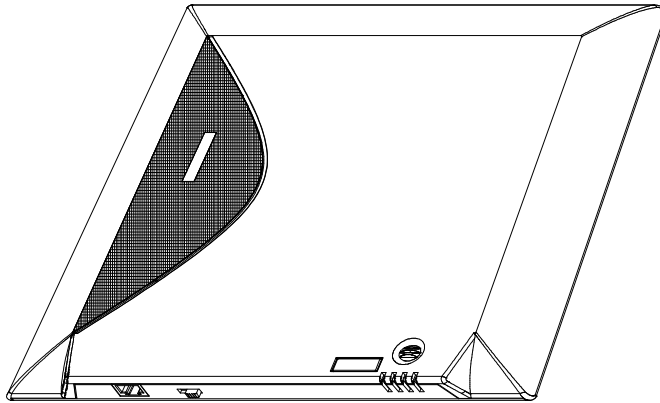
- Connectors for bent or broken pins
- Cables for crimped or broken wires
- Plastic housing for any obvious signs of damage

If any damage is found, contact Customer Service at the telephone number in the front of this manual. If any item is damaged, DO NOT make any power or signal connections to the unit unless otherwise advised to do so by Customer Service.

If there are any discrepancies between the Manual Set Inventory sheet and the manuals received, or between the Packing List and items received, contact Customer Service at the telephone number at the front of this manual. If there are no discrepancies and either no damage, or GVG-advised correction action is made, continue with this manual.

OPEERATION INSTRUCTION

How to deactivate labels



- **Label alive**
Place label with merchandise within detection range (vertical detection is preferred) of double checker to make sure it's not yet deactivated.
- **Deactivate**
Secondly, place label onto the deactivation area, making sure that label fully lies on the surface of the area. Wait 1 second.
- **Double check**
Then lift label to proper detection range again (vertical detection is preferred) to make sure that the label is fully deactivated.

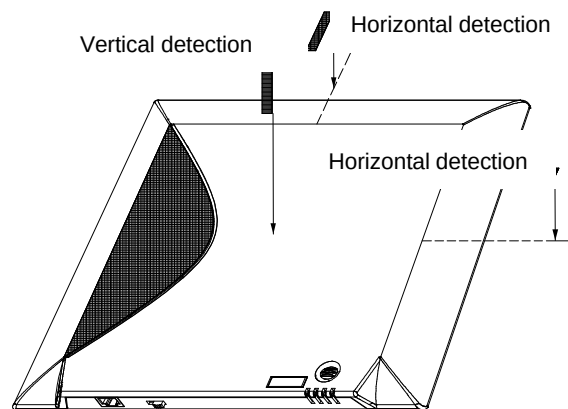
Detection Range

LE labels

Vertical Detection 10cm (4 in)
Horizontal 6cm (2.4 in)

DR labels

Vertical Detection 15cm (5.9 in)
Horizontal 10cm (4 in)



(Note: Detection range may vary upon differ the performance under normal circumstances)

PROBLEMS

If you have ensured that every step in installation is correct and all connections are ok,

and the system still malfunctions, our technicians will help with phone support. For Tech Support In Your Country Please Visit Our Web Site www.wgspe.com.

IMPORTANT SAFEGUARDS AND REGULATORY NOTICES

Federal Communications Commission statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment