

# Extremely waterproof with an IP68 rating!



That means it is fully submersible in up to  
**1.2 metres of water for over half one hour!**  
Work environmental temperature range: **-20°C ~ 80°C**



## Description

- Product Model: GW-171A
- LCD Size (diagonal): 17 inches
- Max Resolution: 1280x1024
- Aspect Ratio: 4:3
- Brightness: 450:1
- Contrast: 450:1
- Response Time: 8ms
- Viewing Angle: H 160°; V 160°
- Display Colors: 16.7M
- Input Signal: TV AV, S-Video, VGA
- Audio Output: Built-in speakers 5W x 2
- Analog TV system: PAL/SECAM/NTSC (suitable to your country)
- Digital TV System: DVB-T/ATSC (suitable to your country)
- OSD Menu: Multilingual OSD (English/French/German/Russian/Spanish/Italian/Arabic/Chinese/Japanese/Korean/Turkish)
- Panel Color: Black / White / Golden / Silver (optional)
- Power Supply: DC12V
- Max Power Consumption: 40W

## Features

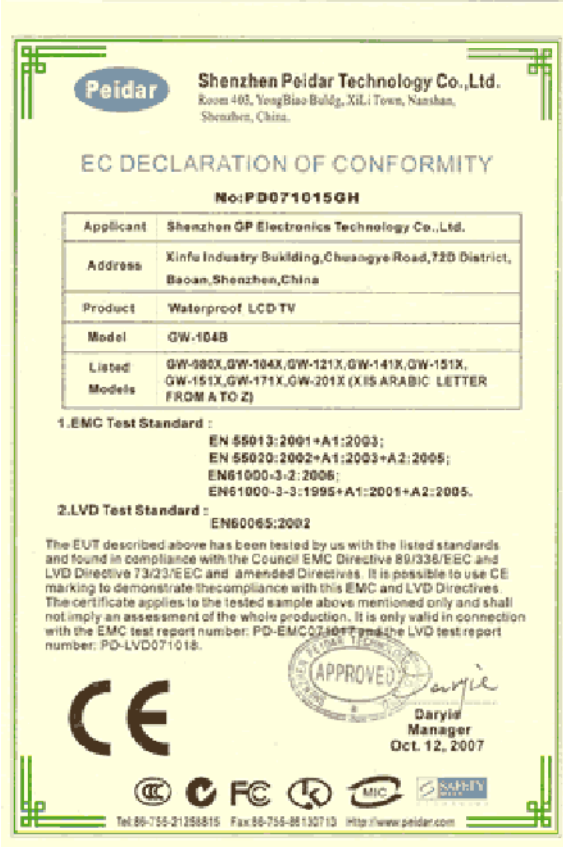
- Extremely waterproof with an IP68 rating, that means it is fully submersible in up to 1.2 meters of water for more than half an hour, also the highest level of waterproof LCD TV you can find on eBay.
- Work environmental temperature range is -20°C ~ 80°C.
- Electrically Heated Screen.
- Touch induces keys. Built-in waterproof speakers.

- Full-function waterproof infrared remote control.
- Wall mountable and embeddable.
- Suitable for using in the bathroom, shower room, sauna room swimming pool, kitchen, luxury hotels etc.
- CE RoHS & IP68 approved.
- All LCD TV Products are supplied with 12 months warranty.

### Package

- Waterproof LCD TV Model GW-171A
- Waterproof Remote Controller, TV AV/S-Video/VGA Cable
- AC 110/240V to DC 12V Power supply adapter
- User Manual, Warranty Card
- Screws, wall mount bracket or biaxial metal bracket (Optional)
- Gross weight 5.0 kg, Dimension (L×W×H): 610 × 138 × 425 mm

### Certificate



**Peidar** Shenzhen Peidar Technology Co., Ltd.  
Room 405, YongBiao Bldg., Xili Town, Nanshan, Shenzhen, China.

**EC DECLARATION OF CONFORMITY**  
No: PD071015GH

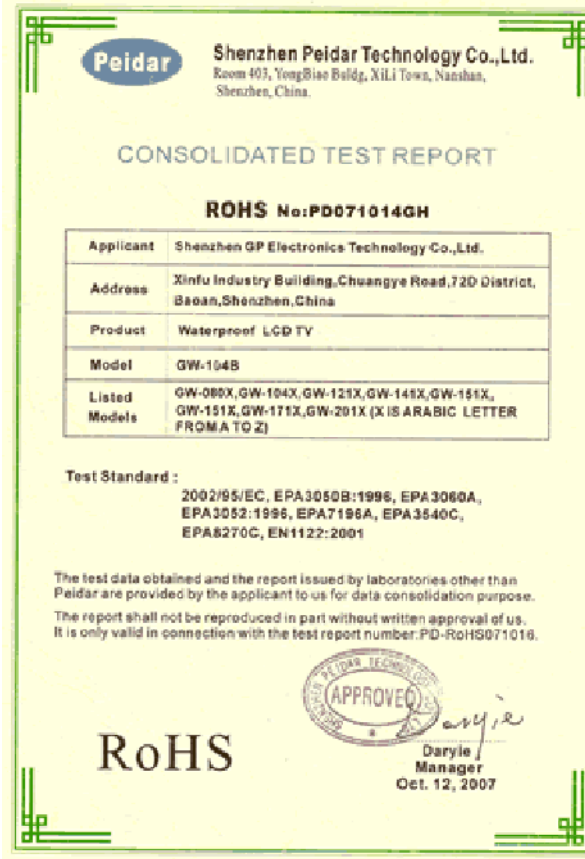
Applicant	Shenzhen GP Electronics Technology Co., Ltd.
Address	Xinfu Industry Building, Chuangye Road, 72D District, Baoan, Shenzhen, China
Product	Waterproof LCD TV
Model	GW-104B
Listed Models	GW-080X, GW-104X, GW-121X, GW-141X, GW-151X, GW-171X, GW-171X, GW-201X (X IS ARABIC LETTER FROM A TO Z)

1. EMC Test Standard:  
EN 55013:2001+A1:2003;  
EN 55020:2002+A1:2003+A2:2005;  
EN 61000-3-2:2006;  
EN 61000-3-3:1995+A1:2001+A2:2005.

2. LVD Test Standard:  
EN 60065:2002

The EUT described above has been tested by us with the listed standards and found in compliance with the Council EMC Directive 89/336/EEC and LVD Directive 73/23/EEC and amended Directives. It is possible to use CE marking to demonstrate the compliance with this EMC and LVD Directives. This certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the EMC test report number: PD-EMC071015GH and the LVD test report number: PD-LVD071015B.

**CE** APPROVED  
Daryle Manager  
Oct. 12, 2007



**Peidar** Shenzhen Peidar Technology Co., Ltd.  
Room 405, YongBiao Bldg., Xili Town, Nanshan, Shenzhen, China.


**CONSOLIDATED TEST REPORT**  
ROHS No: PD071014GH

Applicant	Shenzhen GP Electronics Technology Co., Ltd.
Address	Xinfu Industry Building, Chuangye Road, 72D District, Baoan, Shenzhen, China
Product	Waterproof LCD TV
Model	GW-104B
Listed Models	GW-080X, GW-104X, GW-121X, GW-141X, GW-151X, GW-171X, GW-171X, GW-201X (X IS ARABIC LETTER FROM A TO Z)

Test Standard:  
2002/95/EC, EPA3050B:1996, EPA 3060A, EPA3052:1996, EPA7196A, EPA 3640C, EPA8270C, EN1122:2001

The test data obtained and the report issued by laboratories other than Peidar are provided by the applicant to us for data consolidation purpose. The report shall not be reproduced in part without written approval of us. It is only valid in connection with the test report number: PD-RoHS07101B.

**RoHS** APPROVED  
Daryle Manager  
Oct. 12, 2007



**TEST REPORT** Page 1 of 4  
No: WT07500966

**SAMPLE INFORMATION**  
1. Sample Description: waterproof LCD TV  
2. Trade Mark: -----  
3. Model/Specification/Grade: GW-104(X)-2 4A 12V 20W 60Hz  
4. Serial Batch No. of Sample: -----  
5. Manufacture Date: -----  
6. Manufacturer: Shenzhen GP Electronics Technology Co., Ltd  
7. Manufacturer Address: Xinfu Industry Building Chuangye Road 72 District Baoan Shenzhen  
8. Sample Quantity: 2pcs  
9. Population: -----  
10. Sampling Site: -----

**CLIENT INFORMATION**  
1. Applicant: Shenzhen GP Electronics Technology Co., Ltd  
2. Applicant Address: Xinfu Industry Building Chuangye Road 72 District Baoan Shenzhen  
3. Applicant Post Code: -----  
4. Applicant Telephone: 0755-2976660

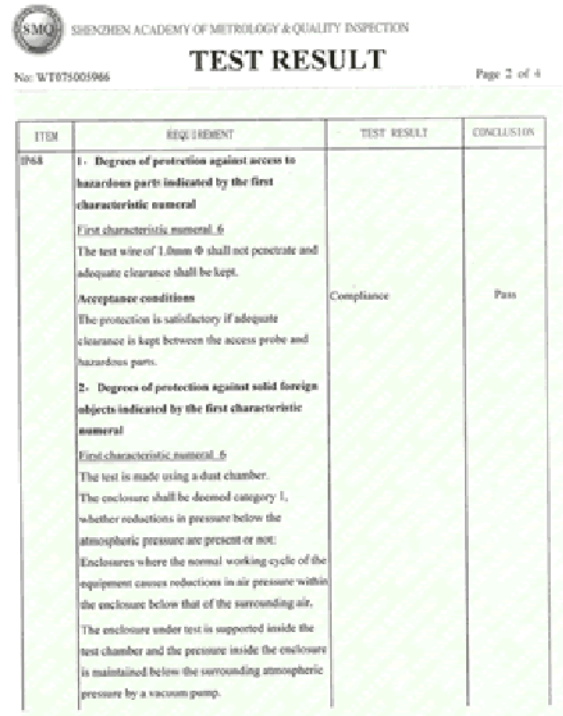
**TEST INFORMATION:**  
1. Applicant No: 953156  
2. Sampling Method: Delivered by Applicant  
3. Date of Receipt: 2007-11-26  
4. Ref Documents for the Test: IEC60529:1989+A1:1999(2001-02)

**CONCLUSION:**  
The results refer to the attachment.

Issued by: (Stamp)  
Issued Date: 2007-12-03

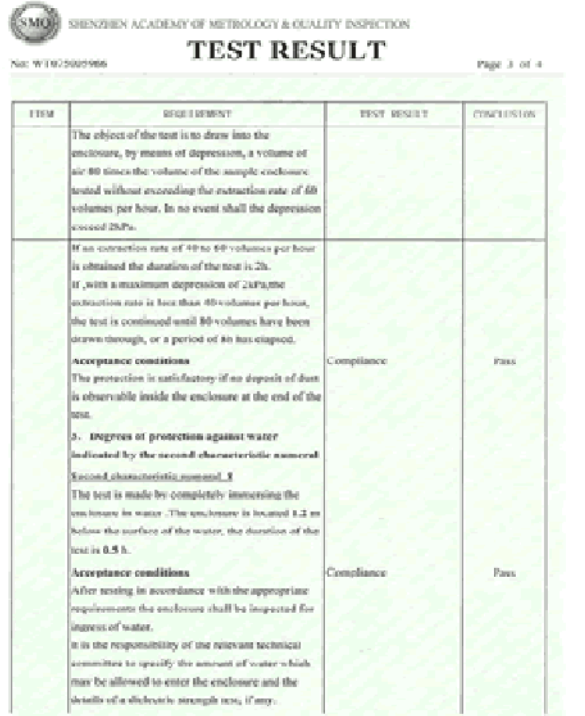
**REMARKS:**  
1. The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.  
2. Characteristic & Condition of Sample: Normal  
3. Ambient Condition During Testing: (22~25) °C (60~65) %RH

Approved by: [Signature] Checked by: [Signature] Tested by: [Signature]



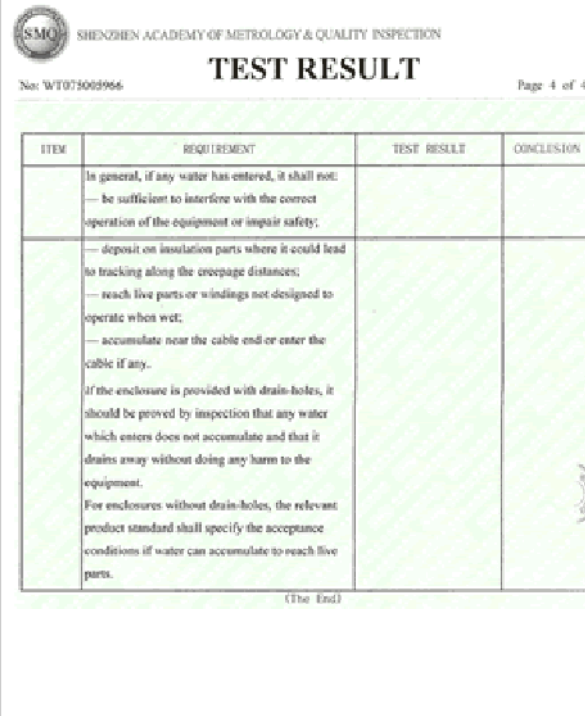
**TEST RESULT** Page 2 of 4  
No: WT07500966

ITEM	REQUIREMENT	TEST RESULT	CONCLUSION
IP68	<p>1. Degrees of protection against access to hazardous parts indicated by the first characteristic numeral</p> <p>First characteristic numeral: 6 The test size of 1.0mm φ shall not penetrate and adequate clearance shall be kept.</p> <p><b>Acceptance conditions</b> The protection is satisfactory if adequate clearance is kept between the access probe and hazardous parts.</p> <p>2. Degrees of protection against solid foreign objects indicated by the first characteristic numeral</p> <p>First characteristic numeral: 6 The test is made using a dust chamber. The enclosure shall be decontaminated, whether reductions in pressure below the atmospheric pressure are present or not. Enclosures where the normal working cycle of the equipment causes reductions in air pressure within the enclosure below that of the surrounding air. The enclosure under test is supported inside the test chamber and the pressure inside the enclosure is maintained below the surrounding atmospheric pressure by a vacuum pump.</p>	Compliance	Pass



**TEST RESULT** Page 3 of 4  
No: WT07500966

ITEM	REQUIREMENT	TEST RESULT	CONCLUSION
	<p>The object of the test is to draw into the enclosure, by means of depression, a volume of air 80 times the volume of the sample enclosure tested without exceeding the extraction rate of 80 volumes per hour. In no event shall the depression exceed 2kPa.</p> <p>If an extraction rate of 40 to 60 volumes per hour is obtained the duration of the test is 2h. If, with a maximum depression of 2kPa, the extraction rate is less than 40 volumes per hour, the test is continued until 80 volumes have been drawn through, or a period of 4h has elapsed.</p> <p><b>Acceptance conditions</b> The protection is satisfactory if no deposit of dust is observable inside the enclosure at the end of the test.</p> <p>3. Degrees of protection against water indicated by the second characteristic numeral</p> <p>Second characteristic numeral: 8 The test is made by completely immersing the enclosure in water. The enclosure is located 0.2 m below the surface of the water, the duration of the test is 0.5 h.</p> <p><b>Acceptance conditions</b> After testing in accordance with the appropriate requirements the enclosure shall be inspected for ingress of water. It is the responsibility of the relevant technical committee to specify the amount of water which may be allowed to enter the enclosure and the details of a dielectric strength test, if any.</p>	Compliance	Pass



**TEST RESULT** Page 4 of 4  
No: WT07500966

ITEM	REQUIREMENT	TEST RESULT	CONCLUSION
	<p>In general, if any water has entered, it shall not: — be sufficient to interfere with the correct operation of the equipment or impair safety; — deposit on insulation parts where it could lead to tracking along the creepage distances; — reach live parts or windings not designed to operate when wet; — accumulate near the cable end or enter the cable if any.</p> <p>If the enclosure is provided with drain-holes, it should be proved by inspection that any water which enters does not accumulate and that it drains away without doing any harm to the equipment. For enclosures without drain-holes, the relevant product standard shall specify the acceptance conditions if water can accumulate to reach live parts.</p>		

(The End)

### Product Model

The coding of waterproof TV:

Format: GWX-YYYY

- GW-Fixed format, standing for an ordinary functional TV waterproof TV
- X: The first letter "X" stands for HD READY; D stand for DVB-T; A stand for ATSC;
- YYY: stand for dimension.
- X: The second letter "X" stands for the level of waterproof. A: IP68; B: IP65

Products	Model	Ratio & Function
IP68	GW-104A	4:3;TV/AV/VGA
	GW-121A	4:3;TV/AV/VGA
	GW-151A	4:3;TV/AV/VGA
	GW-171A	4:3;TV/AV/VGA
	GW-201A	4:3;TV/AV/VGA
IP65	GW-080B	4:3;TV/AV/VGA

TV		GW-104B	4:3;TV/AV/VGA
		GW-121B	4:3;TV/AV/VGA
		GW-154B	16:9;TV/AV/VGA
		GW-171B	16:9;TV/AV/VGA
		GW-191B	16:10;TV/AV/VGA
		GW-221B	16:9;TV/AV/VGA
TV+DVBT	IP68	GWD-104A	4:3;TV/AV/VGA/DVBT
		GWD-121A	4:3;TV/AV/VGA/DVBT
		GWD-151A	4:3;TV/AV/VGA/DVBT
		GWD-171A	4:3;TV/AV/VGA/DVBT
		GWD-201A	4:3;TV/AV/VGA/DVBT
	IP65	GWD-104B	4:3;TV/AV/VGA/DVBT
		GWD-121B	4:3;TV/AV/VGA/DVBT
		GWD-154B	16:9;TV/AV/VGA/DVBT
		GWD-171B	16:9;TV/AV/VGA/DVBT
		GWD-191B	16:10;TV/AV/VGA/DVBT
		GWD-221B	16:9;TV/AV/VGA/DVBT

## Contact

Leo Lee

Manager

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