

Preface

As Navico is continuously improving this product, we retain the right to make changes to the product at any time which may not be reflected in this version of the manual. Please contact your nearest distributor if you require any further assistance.

It is the owner's sole responsibility to install and use the equipment in a manner that will not cause accidents, personal injury or property damage. The user of this product is solely responsible for observing safe boating practices.

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Translation of the Documentation, the English language version of the Documentation will be the official version of the Documentation.

This manual represents the product as at the time of printing. Navico Holding AS and its subsidiaries, branches and affiliates reserve the right to make changes to specifications without notice.

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Warranty

The warranty card is supplied as a separate document.

In case of any queries, refer to the brand web site of your display or system: www.bandg.com

Compliance Statements

The B&G series monitors;

- complies with CE under EMC directive 2004/108/EC
- complies with the requirements of level 2 devices of the Radio-communications (Electromagnetic Compatibility) standard 2008

The relevant Declaration of Conformity is available in the following website under model documentation section: www.bandg.com.

Warning

The user is cautioned that any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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About this manual

This manual is a reference guide for installing and operating the B&G Series monitors. The manual does not cover basic background information about how equipment such as radars, echosounders and AIS work.

Important text that requires special attention from the reader is emphasized as follows:

→ *Note:* Used to draw the reader's attention to a comment or some important information.

Warning: Used when it is necessary to warn personnel that they should proceed carefully to prevent risk of injury and/or damage to equipment/personnel.

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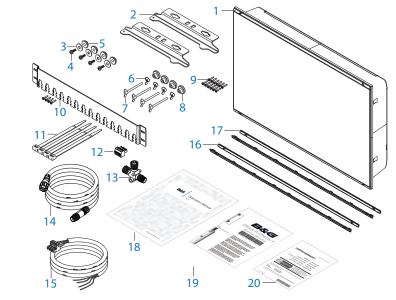
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Introduction

The B&G ZM Series monitors offer a low profile, high brightness solution for displaying video from a variety of sources. This includes two models; the ZM16", and ZM19" Touch monitors. These models are suited for both indoor and outdoor use. Both monitors accept video via HDMI, DVI-I and composite inputs.

Items included



- **1** Monitor
- 2 Dash mount brackets (x2)
- 3 Washer, M4, 12mm, SS (x4)
- 4 Pozi pan head machine screw, M4 x 12mm, SS (x4)
- 5 Plastic spacer (x4)
- 6 Wing nut M5 (x4)
- 7 Wing head machine screw (x4)
- 8 Plastic stopper dash mount (x4)
- 9 Pozi pan head self-tapping screw 4G x 1/2" (x12)
- 10 Cable retention bracket with screws 4G x 1/2" (x4)
- 11 Cable ties (x4)
- 12 Connector block (serial data)
- 13 Micro-C tee piece
- 14 Micro-C cable, 2m (6ft)
- **15** Power cable with connector
- **16** Bezel trim, black (x2)
- **17** Bezel trim, silver (x2)
- **18** Operator manual
- **19** Cutout template
- 20 Warranty card

Display installation

It is recommended that the unit be powered and connected to a video source to assist in selecting a suitable mounting location, prior to irreversible modification of the vessel's helm station. When planning the display location, the following points should be considered to ensure safe, comfortable and reliable operation:

- **Convenience** the mounting location should be easily accessible to allow operation of the controls and should enable easy viewing of the display.
- Viewing angle this LCD has been chosen to give the very best performance, including viewing angle. However, the contrast and colours seen on all LCD displays vary with viewing angle, and therefore should be mounted in a way that makes the screen as close to perpendicular as possible with the expected position of the operator.
- Access there must be sufficient space behind the display to allow cable connections to the rear connectors, avoiding tight bends in the cable. Also ensure there is sufficient access for tightening wing nuts/screws on the mounting brackets, where used.
- **Interference** the selected location should be far enough away from devices that may cause interference, such as motors, generators and radio transmitters/receivers.
- **Magnetic compass** mount the display at least 1 metre (3 ft.) away from a magnetic compass.
- **Environment** to prevent overheating, do not restrict airflow at the rear of the display unit; ensure that there is adequate ventilation, particularly if the display unit is pod-mounted. If the space behind the display is air conditioned or cooled by a fan, it will help in keeping the unit's temperature down. The ZM16/19 displays are designed to operate in indoor/outdoor environments and in high ambient brightness conditions, however, we recommended the display not be mounted in a location where it will be exposed to direct sunlight for prolonged periods. The display should be protected from physical damage and excessive vibration. Although the display unit is waterproof from the front when installed correctly, it is good practice to mount it in a protected area away from prolonged and direct exposure to rain and salt spray.

Warning: Damage incurred to monitor through failure to provide adequate ventilation could invalidate your warranty. Do not recess device in to an enclosure shared with a heat source. e.g. engine compartment.

Cutout template

Use the supplied scale template to help mark up the cutout area.

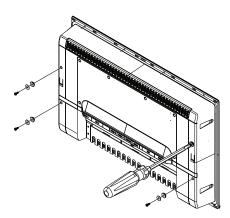
→ Note: Always check the template dimensions against the physical monitor to ensure dimensions are correct, prior to making the cutout.

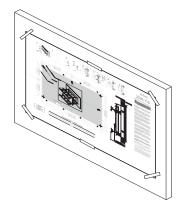
Fixing options

The ZM series monitors can be dash or bracket mounted (using optional VESA adaptor). When dash mounting, unit should be fitted using the rear mounted dash mount brackets, and bezel screws from the front. Exclusion of the dash mount bracket will greatly increase strain on bezel screws and adjacent bezel plastics, and is not recommended.

Flush mounting the display

Fit the supplied M4 machine screws, washers, and plastic spacers to each of the four threaded fittings on the back case of screen. Hand tighten only.

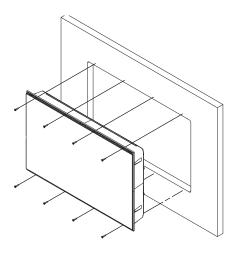


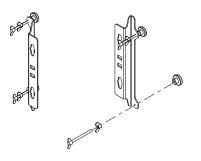


Tape appropriate mounting template in place on dash, and ensure cutout lines are level relative to a reference point on dash. Drill top and bottom mounting screw holes using 1.5mm drill bit.

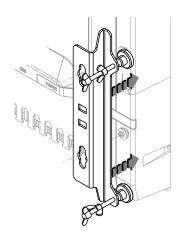
Drill cutout corners with a small pilot drill bit followed with 13mm drill bit. Complete cutout with jigsaw or similar tool.

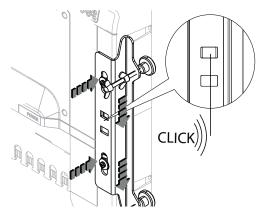
Fit display in to dash cutout. Fit self tapping screws and tighten them till gasket on back of monitor just makes contact with the dash. Tighten screws further, till bezel of monitor is in full contact with dash surface on all four sides. Do not machine tighten, firm hand tightening is adequate.





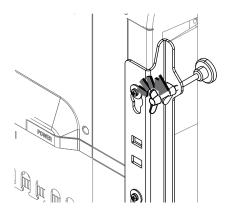
Wind wing nut on to wing screw, then wind the wing screw assembly in to bracket till approximately 5mm of threaded rod protrudes through other side of bracket. Fit stopper foot on to end of wing screw. Complete for both threaded holes on each bracket. Fit brackets to rear of display, aligning 'key holes' on bracket with screws on back of display case.

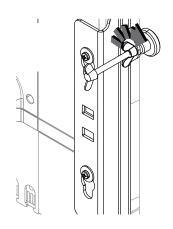




With bracket making contact with back of monitor, slide bracket down till it engages with a click and is held in place.

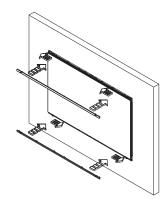
Wind in the wing screw, until stoppers make firm contact with rear of dashboard material. Check front of unit, ensuring that unit's bezel is making even contact with the dash surface.





Hand tighten wing nuts against the back of the mounting brackets to lock the wing screw in place. Hold wing screw stationary if it turns while adjusting the wingnut.

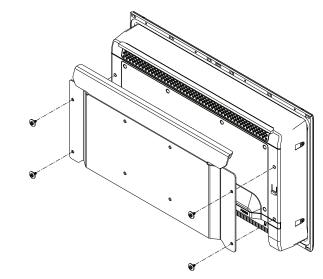
When fitting bezels, ensure hook tabs on back of each bezel recess into opposing slots on screen frame. Once flush with front surface of screen, slide top bezel to the left, and bottom bezel to the right to lock in to place.



VESA mounting the display

A VESA bracket adaptor is available as an optional part for all display sizes, allowing a variety of wall and free standing bracket mounting options. The fasteners for attachment to the display are included with the bracket.

Monitors mounted using a Vesa bracket have IPX2 rating, and should be mounted in an area sheltered from rain and sea spray.

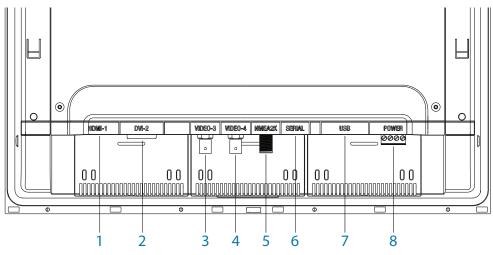


- → *Note:* the monitor should not be tilted forward by more than 15 degrees, as this compromises the IPX2 rating. In fully enclosed helm stations, this limitation may be disregarded.
- → Note: the bracket mounting points on the monitor are only intended to carry the weight of the monitor do not install monitor in such a place where it may be used as a handhold, or have additional equipment attached to it.

Connecting the display

The ZM series monitors largely use industry standard cables, which can be purchased preterminated in a variety of lengths. The following chapter provides additional detail where cables require field termination by the installer.

Rear connections

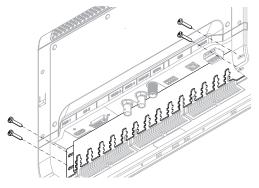


| Key | Connection | Function | | |
|-----|------------|---|--|--|
| 1 | HDMI-1 | Video input (digital) | | |
| 2 | DVI-2 | Video input (digital) | | |
| 3 | VIDEO-3 | Video input for camera (composite - analogue) | | |
| 4 | VIDEO-4 | Video input for camera (composite - analogue) | | |
| 5 | NMEA2K | Control input/output, software upgrade | | |
| 6 | SERIAL | Control input/output for touchscreen | | |
| 7 | USB | Control input/output for touchscreen | | |
| 8 | POWER | 12/24 V DC power supply input | | |

→ Note: HDMI-1, and DVI-2 inputs do not support HDCP (High bandwidth Digital Content Protection). Sources such as protected DVDs may not display correctly/at all on this monitor.

Warning: Make sure power is switched off before commencing with installation.

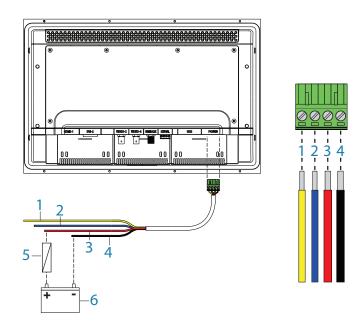
Cable retention



Cables fitted to the display should utilize some form of strain relief. All displays are supplied with a retention bracket, which should be attached to the rear case.

With the cable and plug fitted in place, secure the cable to the retention bracket using a cable tie. Do not secure in such a way that applies strain to the cable, or causes the plug or socket to be bent out of alignment.

Connecting power



- 1 Yellow Wire power control
- 2 Blue wire chassis ground
- 3 Red wire positive DC supply (12V or 24V system)
- 4 Black wire negative DC supply (12V or 24V system)
- 5 Fuse see table at end of section
- 6 DC supply
- → Note: this display is not intended for use vessels fitted with a positive ground electrical system. The power input cable screen drain wire should be connected to a negative ground.
- → Note: chassis ground will typically not be required. In certain problematic installations it may help stabilize touch screen sensitivity, ie. prevent 'false' touches, or non-registered touches.

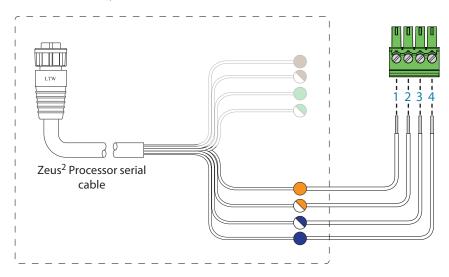
| Recommended fuse rating | | | | |
|-------------------------|--------|--------|--|--|
| Model | ZM16-T | ZM19-T | | |
| Fuse | 3 amp | 4 amp | | |

Connecting touch control

The touch screen ZM series monitors can provide touch control to the Zeus² Processor as well as Windows 7 and Windows 8 PCs. Connection can be made via serial data for Zeus² Processor or USB for PC systems.

Serial connection

The ZM series monitors must always be connected to Zeus² Processor via serial. Make all connections with power turned off.



| Key | Zeus ² Processor serial cable colours | | | | |
|-----|--|--|--|--|--|
| 1 | Orange | | | | |
| 2 | Orange/white | | | | |
| 3 | Blue/white | | | | |
| 4 | Blue | | | | |

→ Note: Serial connection will support very long cable runs provided a good quality cable designed for serial data is used.

USB connection

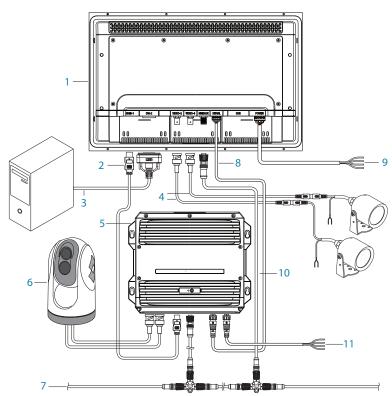
Connection using USB is straightforward, as regular off-the-shelf cables may be used, which are available in various lengths (generally up to 5m). The monitor end must be fitted with a USB type B male plug. The opposite end should suit the device being controlled, which typically will use the common USB type A male plug.

- → Note: Where USB is used, cable length should not exceed 5m when using regular cables. Lengths over 5m may be possible with the use of a USB cable fitted with active boosting.
- → Note: Do not connect both serial and USB to the same video source.
- → Note: Ensure any third party video source connected to the ZM monitor has an isolated USB connection to avoid potential damage due to incorrect installation, or failure elsewhere in the system.
- → Note: Full functionality of the touch screen features of the ZM Monitors is only achieved via the serial connection to a Zeus² Processor. It is the preferred method of connection over using a USB cable.

Connecting NMEA 2000

When connected to a compatible processor such as the Zeus² Processor, the display should also be connected to the NMEA 2000 network. This enables the monitors home key to bring up the home screen. NMEA 2000 is also used for applying software updates from the processor to the display.

Typical installation



| Key | Description | | | | |
|-----|---|--|--|--|--|
| 1 | ZM16-T or ZM19-T monitor | | | | |
| 2 | HDMI cable | | | | |
| 3 | DVI cable (eg. PC, non HDCP sources only) | | | | |
| 4 | Composite video cable (eg. video camera) | | | | |
| 5 | Zeus ² Processor | | | | |
| 6 | FLIR® IR camera supplying video via Zeus ² Processor | | | | |
| 7 | Micro-C network bus | | | | |
| 8 | Serial cable - communicates touch control to Zeus ² Processor | | | | |
| 9 | Power cable - monitor | | | | |
| 10 | Micro-C network drop cable - allows software updating of monitor via Zeus ² Processor | | | | |
| 11 | Power cable - Zeus ² Processor | | | | |

→ *Note:* peripheral devices in diagram do not necessarily show all required connections where not directly related to ZM series monitor.

Operating the display

The display is configured and controlled using the row of touch sensitive buttons along the lower edge of the monitor frame. All buttons are backlit - only the power button is illuminated when the monitor is turned off.



- 1. Power: long press turns display on/off. Short press brings up OSD / steps backwards
- 2. Down: scroll down in menu options (also reduce brightness shortcut)
- 3. Enter: select menu option (also source selection shortcut)
- 4. Up: scroll up in menu options (also increase brightness shortcut)
- 5. Red LED: solid red = 'active off' (no video source), flashing = booting or upgrading
- 6. Light sensor
- 7. Home: selects the home page on compatible Navico devices

First time operation

The display has the capability to automatically adjust itself to the resolution of the source to which it is attached. This auto adjustment will take place when the unit is first installed and connected to a source and there after, if the video input changes, or is user initiated.

Shortcut functions

Source selection: pressing the Enter key will step through the video source options. **Display brightness:** pressing the Up/Down keys will adjust the screen brightness.

- → *Note:* shortcut functions only work when the OSD is not open.
- → Note: if the display is set to a source that does not have an active video source connected, after a brief delay the display will go in to 'active off' mode. In this mode the screen backlight is turned off, but other functions of the monitor remain powered. Note that the monitor will still draw approximately 300mA @ 13.8 V.
- → *Note:* the touch screen will not operate when OSD is on the screen. The touch screen will resume normal operation when OSD is removed from the screen.

OSD menu

This menu accesses controls for all aspects of picture setup, and is accessed by a short press of the power key when the display is on. The eight main menu options are explained in the following;

| Option | Sub option | Range | Function |
|---------|-------------------------------------|-------|---|
| | Brightness | | Adjusts backlighting level |
| | Contrast | | Adjusts image contrast (range between darkest and lightest) |
| Display | Hue (analogue video only) | 0-100 | Shifts colours represented by screen |
| | Saturation (analogue video only) | | Varies colour intensity, from dull to full and rich |

| Option | Sub option | Setting | Function |
|---------|------------|-------------------|---|
| | HDMI-1 | 1:1, FILL, ASPECT | Sets input image to true size, fill available screen area, or to fill screen |
| Cealing | DVI-2 | | |
| Scaling | VID-3 | | vertically or horizontally but maintain |
| | VID-4 | | correct aspect ratio |

| Option | Sub option | Range | Description |
|--------|-------------|-----------------------|---|
| Colour | Temperature | User, 6500K, 9300K | Allows the user to select colour temperature. The 6500K setting makes the display colour warmer (slight red tint). The 9300K setting makes the display colour cooler (slight blue tint). The User setting allows the customer to manually select the Red, Green, and Blue values |
| | Red | 0 - 255 | Adjusts the red colour |
| | Green | | Adjusts the green colour |
| | Blue | | Adjusts the blue colour |

| Option | Sub option | Setting/Range | Description |
|---|-------------------|----------------------------|---|
| | PIP Mode | OFF, PIP, Split | Sets to either no PIP, regular PIP as dictated by following settings, or 50:50 split pane (image scaled to fit) |
| | PIP Swap | | Swaps main source with PIP source |
| PIP Control (Picture-in- Picture) | PIP Size | Small, Medium, Large | Controls PIP window size. Sets to approximately 1/6th, 1/5th, and 1/4 of screen area respectively |
| | PIP Horizontal | 0-100 | Adjusts horizontal position, where 0 = left, and 100 = right |
| | PIP Vertical | 0-100 | Adjusts vertical position, where $0 = bottom$, and $100 = top$ |

| Option | Sub option | Setting/Range | Description |
|--------|-------------|--------------------------------|---|
| Source | Main Source | HDMI-1, DVI-2, VID-3, VID-4 | Select which physical input should be displayed Note: PIP source can only be set to VID-3 or VID-4 when HDMI or DVI are the main source. The reverse applies when either of |
| | PIP Source | | the analogue sources is set as main source |

| Option | Sub option | Range | Description |
|-----------------|------------|-------|---|
| OSD Position | Horizontal | 0-100 | Adjusts horizontal position, where 0 = left, and 100 = right |
| | Vertical | | Adjusts vertical position, where $0 = left$, and $100 = right$ |

| Option | Sub option | Description |
|----------|------------|--|
| | English | |
| | French | |
| | German | Select language best suited for OSD text |
| Language | Spanish | Select language best suited for OSD text |
| | Italian | |
| | Portuguese | |

| Option | Sub option | Range | Description |
|---------------|------------------|------------------|--|
| Configuration | Power Control | Slave, Master | In slave mode monitor will turn on if 12/24V is detected on the yellow wire. In master mode monitor will turn on slave devices by switching 12V to yellow wire when monitor is on |
| | Key Beeps | Off, On | Turns on or off the OSD key beeps |
| | Factory Reset | Yes, No | Restore all settings to default |

| Option | Sub option | Description |
|--------------|------------|---|
| Touch Screen | HDMI | Enables serial touch control for HDMI |
| | DVI | Enables serial touch control for DVI |
| | Enable All | Enables serial touch control for HDMI and DVI |
| | Disable | Disables serial touch control |

→ *Note*: USB touch control is automatically enabled upon connection.

Updating the firmware

Updates to the ZM series monitor firmware may occasionally become available. The updates will typically include improvements to existing functionality or new features, and will be made available via the B&G website: www.bandg.com.

Checking current firmware version

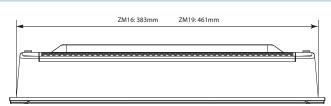
On the Configuration page it is possible to see the name of the monitor, resolution (native), OSD version, BIOS version, and the serial number.

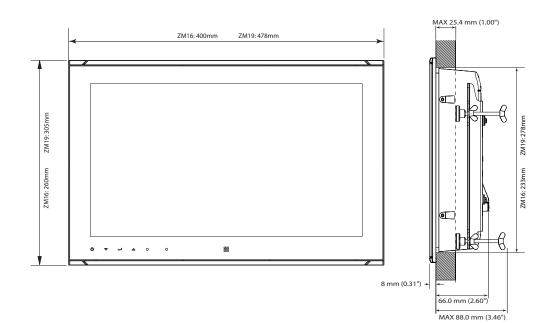
Installing an Update

Updates should be loaded via a compatible B&G device such as the Zeus, Zeus Touch or Zeus². Refer to the applicable product manual on how to upgrade a device over NMEA 2000. Alternatively, return the device to a Navico dealer to arrange updating.

- → Note: we recommend updating ZM monitor software via another device on your NMEA 2000 network.
- → Note: we do not recommend updating more than two displays at the same time. Do not update the display being used to monitor the update status. In the rare occurrence the update fails, nothing will be visible on the screen.

Dimensional drawings





Troubleshooting tips

| Issue | Possible Cause |
|---|--|
| | LED on continuously indicates no (compatible) video is available on currently selected source; |
| | Confirm that the correct video input is selected |
| No picture - red LED ON | Check that the video signal cable is properly connected to the display. Test cable with 'known good' equipment |
| | Check display settings of the video source - ensure the resolution is supported by the display |
| | Ensure brightness is turned up to a suitable level |
| No picture - red LED OFF | Make sure power is connected to an appropriate DC voltage source, and that the fuse is fitted or breaker is switched on. After pressing power button, the red LED should blink as monitor starts up, followed by momentary display of the logo on the screen. |
| Image persistence | Image persistence occurs when a ghost of an image remains on the screen after the screen image has been changed. Unlike a CRT monitor, an LCD monitor's image persistence is not permanent. To erase an image ghost, turn the monitor off for several hours. To avoid this condition, do not leave the monitor displaying the same image unnecessarily, for an extended period of time |
| Picture quality & image stability | Check for video cable condition; is shield intact, and does cable not exceed maximum distance for video standard Check the signal source is outputting a compatible resolution at a supported frequency |
| | Monitor may be receiving incorrect/bad sync signals from source |
| | Video compromised by interference from other equipment |
| | Supply voltage has dropped below 10V. Will restore at >11V |
| Low level backlight | Unit has been subject to excessively hot direct sunlight for an extended period and/or unit enclosure is too hot. Automatic thermal protection has been enabled |
| Slight distortion in text or graphics | Not working in native resolution, where possible adjust the video source to output correct resolution |
| Display is present but "bars" appear or roll | Ground loop problem between video source and monitor |
| across screen | Video compromised by interference from other equipment |
| Vertical shaded bars on screen image | Incoming video may be in 4:3 ratio, either leave in 'aspect' mode, or set to 'fill' to use full screen space. |

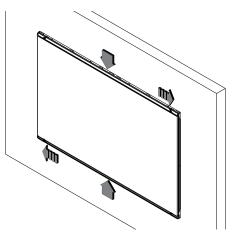
Cleaning and maintenance

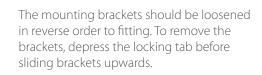
If the display requires cleaning, use a damp soft cloth (e.g. microfiber) with a mild, nonabrasive glass cleaner. Ensure cloth is regularly washed or replaced.

- → Note: Do not use paper products as they may scratch the surface. To minimize the risk of abrasion, allow the screen to air dry.
- → Note: Never use acidic, ammonia based, or abrasive cleaning products to clean the display. These products will damage special coatings on the glass.
- → Note: To prevent damage caused by lightning strikes, it is recommended to disconnect the display from the power source during intense storms, or when the product is not in use for extended periods.

Display removal

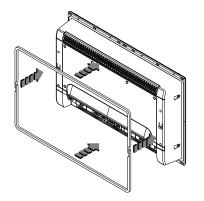
The display's top and bottom bezel trim must be removed in order to undo the fasteners holding unit in place by the mounting flange. The bezel trim have been designed to be very low profile, and therefore fully conceal the locking tabs that keep them from being accidentally disengaged from the mounting flange. To release the locking tab, it is necessary to gently lever the centre of the bezel trim away from the mounting flange. To remove the cover, simultaneously slide it sideways; to the right for the top cover, and to the left for the bottom cover.





Replacing the gasket

The foam gasket on the rear of the display bezel is available as an optional accessory, should the factory installed item be damaged.

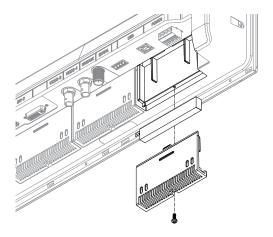


Fit the two lengths of foam gasket in to the rebated channel on the back of the displays mounting flange. Only remove backing paper from the side to be stuck to monitor, and only remove a small amount at a time. Ensure the gasket ends of the two halves overlap and make contact.

→ Note: take care not to stretch gasket when applying. Only pull gasket minimum amount required to lay it on straight. The backing paper on outside of gasket will help prevent stretch, and should only be removed when display is ready to install in to dashboard.

Replacing the filters

Where displays are installed in an unsealed enclosure, air intake filters should be inspected yearly, and replaced if noticeably fouled. If vessel is subject to major works involving spray painting or sanding, it is recommended that the monitor either be removed, or completely covered in a clean fabric drop cloth.



→ *Note:* ZM16 and ZM19 models require three filter elements. The filter accessory kit includes five elements.

Other maintenance

Only qualified service personnel should perform any repairs that require opening of the case.

Warning: Some components in the display unit operate on high voltages. Repairs require specialized service procedures and tools only available to service technicians - there are no user serviceable parts or adjustments. The operator should never remove the display unit cover or attempt to service the equipment. Any attempt to do so may make the warranty invalid.

General specifications

| LCD display | 15.6" TFT Active Matrix Panel 18.5" TFT Active Matrix Panel | Weight (monitor only): | ZM16T = 3.60Kg ZM19T = 4.60Kg |
|------------------------------|--|-----------------------------|---|
| Brightness | 1000nit | Screen glass | AF, AR |
| Native resolution | ZM16: 1366x768 ZM19: 1366x768 | Protection | Thermal: auto screen dimming, overvoltage, reverse polarity, low voltage |
| Contrast | ZM16: 500:1 ZM19: 1000:1 | Power and setup keys | Capacitive touch |
| View angle | 60/60 Horizontal 60/60 Vertical | Comms / Control | RS422, USB, NMEA 2000 |
| Display colours | 16.7 million | Video inputs | 1x HDMI, 1x DVI-I, 2x composite (NTSC & PAL) |
| Operating temp | -15 to +55 degrees Celsius | Picture in Picture | YES; variable position & size |
| Non operating temp | -20 to 60 degrees Celsius | Auto video detection | YES |
| Operable humidity | 95% | Auto video scaling | YES |
| Water ingress resistance | IPX2 (bracket mount) IPX5 (dash mount - front only exposed) | Supply voltage | 12V / 24V DC (9-31.2V) |
| Bezel & rear case | PC/ABS | Power consumption | 20W, 25W |
| Supported Resolutions | | | |
| 640 x 480 | 800 x 480 | 1280 x 768 | 1366 x 768 |
| (8-32 bit colour, 59, 60 Hz) | (8-32 bit colour, 60 Hz) | (8-32 bit colour, 60 Hz) | (8-32 bit colour, 60 Hz) |
| 720 x 480 800 x 600 | | 1280 x 720 | 1920 x 1080 |
| (8-32 bit colour, 59, 60 Hz) | (8-32 bit colour, 60 Hz) | (8-32 bit colour, 50-60 Hz) | (8-32 bit colour, 50-60 Hz) |
| 720 x 576 | 1024 x 600 | 1360 x 768 | 1920 x 1080 |
| (16-32 bit colour, 50-60 Hz) | (8-32 bit colour, 60 Hz) 1024 x 768 | (8-32 bit colour, 60 Hz) | (8-32 bit colour, 25, 29, 30 Hz Interlaced) |
| | (8-32 bit colour, 60 Hz) | | |

→ Note: Occasionally specifications may change - refer to the latest edition of the manual on the website: www.bandg.com

Accessories

| Part description | Part number |
|---|---------------|
| ZM16 bezel trim, silver and black (4 pieces) | 000-11620-001 |
| ZM19 bezel trim, silver and black (4 pieces) | 000-11621-001 |
| ZM16 Vesa bracket | 000-11615-001 |
| ZM19 Vesa bracket | 000-11616-001 |
| Cable retention bracket (all models), includes 4 cable ties, screws | 000-11614-001 |
| ZM16/19 rear mounting kit | 000-11618-001 |
| ZM16/19 dash seal kit (6 pieces) | 000-11619-001 |
| ZM16/19 inlet filters (5 pack) | 000-11623-001 |
| ZM16/19 inlet filter cover | 000-11624-001 |
| HDMI cable (3m) | 000-11248-001 |
| HDMI cable (10m) | 000-11249-001 |
| Connector kit (power and serial plugs) | 000-11625-001 |

→ *Note:* Occasionally available accessories may change - refer to the latest edition of the manual on the website: www.bandg.com





