

# PSP17

---



*17" Professional Series  
On-Camera Unit  
Setup and Operation Guide*

---

# Contents

Latest additions .....	3
Getting started.....	4
Prepare the medium wide angle (MWA) hood.....	4
Construct medium wide angle (MWA) bracket set.....	6
Pro Plate preparation .....	8
Assemble your on-camera unit.....	10
Care and Maintenance .....	14
Handling and operational guidance.....	14
Common problems .....	14
Cleaning the on-camera unit.....	15
If you need to contact Autocue or QTV .....	<b>Error! Bookmark not defined.</b>

---

## Latest additions

This document covers the assembly and configuration of a PSP12 top-mounted on-camera unit from Autocue and QTV. It is current as of the date at the bottom of this page. Any changes since that point have been referenced below. These changes have not been reflected in the rest of the document.

### Revision history

Release date	Changes

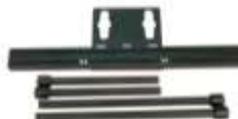
## Getting started

Check that the following items have been received:

PSP17 Monitor



Large Wide Angle bracket set



Large Wide Angle hood



Pro Plate



8 m power cable & 25 m BNC cable



DC power adaptor



If you have ordered any scroll control devices, make sure that these have been received as well.

## Prepare the medium wide angle (MWA) hood

The black fabric shell of the wide-angle hood is shipped already attached to the lower edge of the square metal frame. You will need to perform the following steps:

1. secure the side panels to the frame
2. attach the tube clamps
3. attach the lower glass retaining strip
4. remove the upper glass retaining strip
5. insert the semi-reflective glass panel
6. re-attach the upper glass retaining strip
7. attach the elasticated fabric light baffle

Before beginning the hood assembly, ensure you have all the components required:

- hood body
- semi-transparent glass panel
- glass retaining bar
- locking clamps
- M3 screws

**Caution: The glass panel is fragile. Take great care when handling it and the completed hood.**

1. Open the side panels of the hood and fold the flaps over the black metal frame.
2. Secure a side panel flap with two of the supplied M3 screws.



1



2

3. Repeat for the opposite flap.
4. Push the threaded pins of the lower Glass Retaining Strip through the holes in the wide-angle hood frame and secure in position with the supplied Screw Posts.



Ensure the retaining strip is on the inside of the hood as illustrated.

5. Align the two screw holes in the base of a tube clamp with the holes through the metal frame.
6. Use the supplied screws to secure the tube clamp in position using a suitable screwdriver.



5



6

7. Remove the upper Glass Retaining Strip by unfastening the two thumb screws securing it to the top edge of the hood.



- Construct medium wide angle (MWA) bracket set

8. Insert the shorter edge of the semi-reflective glass panel into the lower Glass Retaining Strip.
9. Ensure the blue dot is on the side of the glass facing you.



8



9

10. Position the upper Glass Retaining Strip over the edge of the glass panel.
11. Re-attach with the thumb screws that were removed in step 6.



10



11

12. Place the assembled hood, glass panel face down, on a solid, stable surface.
13. Carefully stretch the elasticated end of the fabric light baffle around the four screw posts on the rear of the frame.



12



13

Fully assembled MWA hood.



## Construct medium wide angle (MWA) bracket set

The Autocue and QTV wide angle bracket consists of a square grooved length of aluminium extrusion, horizontal prompter display unit mounting bars, vertical hood mounting bars and a specially designed keyhole plate.



Note: The vertical hood mounting bars are longer than the horizontal prompter display unit mounting bars.

The MWA bracket is designed to be used with medium wide angle hood and medium sized Master and Professional series prompter display units from Autocue and QTV.

## Bracket assembly

1. Ensure that the keyhole plate is in the appropriate position on the bracket.



2. Screw in the vertical hood mounting bars.
3. Screw in the horizontal prompter display unit mounting bars



2



3

## Adjust spacing monitor mounting bars

1. It is recommended that you check the spacing between the mounting bars before attaching the mounting bracket to the plate you have ordered.
2. Loosen all the mounting bars slightly so that they can freely move to the left and right.
3. Place your prompter display unit face down on a flat, padded surface.
4. Align the horizontal mounting bars with the holes on the rear, side or bottom of the unit, depending on the prompter display unit you have ordered.
5. Slide the mounting bars in to the holes to confirm correct positioning. (The picture below is for illustrative purposes only.)



6. It is recommended that you mount the prompter display unit so that it is centred along the mounting bracket.
7. Tighten the horizontal mounting bars to secure them in position and remove them from the rear of the prompter display unit.

### Adjust spacing hood mounting bars

1. Carefully place your wide angle hood face down on a flat, padded surface.
2. Align the vertical mounting bars with the screw clamps on the rear of the hood and slide the bars in. (The picture below is for illustrative purposes only.)



3. It is recommended that you mount the hood so that it is centred along the mounting bracket.
4. Tighten the vertical mounting bars to secure them in position and remove them from the screw clamps.
5. The mounting bracket is now ready to be attached to the plate you ordered.

## Pro Plate preparation

The Pro Plate from Autocue and QTV is supplied as illustrated below.



The body of the Pro Plate consists of a combined tripod mounting slide and camera carriage.



### Assemble the Pro Plate

Once it has been prepared, the Pro Plate can be attached to your tripod.

1. Adjust the length of the mounting rods.

This length will vary depending on the type of camera you are using, the size of the on-camera unit monitor and whether the Pro Plate will be attached to a tripod or pedestal.

2. Loosen the locking screw on the side of the camera carriage.



3. Adjust the length of the mounting rod and then use the locking screw to secure the rod in position.
4. Repeat for the second rod

### Attach Pro Plate to a tripod

1. Place the Pro Plate on a flat surface with the mounting slide uppermost.
2. Place the tripod "hot shoe" on to the Pro Plate mounting slide.
3. Fix the camera mounting plate in place by screwing it to the Pro Plate mounting slide.



2



3

Note: Camera mounts vary, but must be only attached using the large or small threaded holes in the Pro Plate mounting slide.

4. Attach the combined Pro Plate and camera mounting plate to your tripod.



5. Move the camera carriage forwards or backwards to get it balanced on the tripod.
6. Loosen the locking lever on the side of the camera carriage



5



6

7. When the Pro Plate is in the appropriate position, secure it by closing the locking lever.

## Assemble your on-camera unit

When you have your mounting plate and the medium wide angle bracket and hood prepared you can put all the components together to create your on-camera unit.

### Attach the mounting bracket

1. Position the large holes in the MWA bracket keyhole plate over the end of the Pro Plate mounting rods.
2. Carefully drop the MWA bracket onto the rods and secure in position with the knurled locking nuts.



1



2

3. With the vertical hood mounting rods correctly aligned, slide your prepared Large Wide Angle hood onto the vertical mounting rods.
4. Tighten the two tube clamps to secure the hood into position.



3



4

5. Mount the PSP17 monitor onto the horizontal mounting bars and secure into position.



## Professional Series monitor connectors

After you have securely mounted your assembled on-camera unit on a tripod attach the required cabling.

1. Ensure you have a power and a video signal available.
2. Connect the mini plug from the DC power adaptor that was supplied with the monitor.
3. Autocue-QTV recommends using a composite signal connected using the BNC socket.

There are alternative DVI-i and sVideo sockets if you wish to use these inputs.

4. Turn the PSP12 on and make any necessary adjustments using the buttons and on-screen menus to configure the unit.

## On-Screen Menus

The OSD controls are used to make changes to parameters, perform scaling adjustments and amend other operational settings of your monitor.

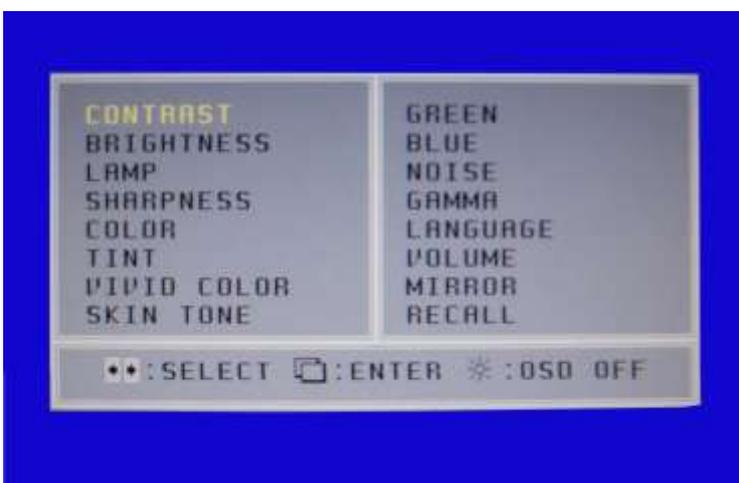
### Accessing the OSD controls

The Menu button on the side of the PSP12 opens the OSD controls.



Power Up Menu Down Exit (Back)

Press the Menu button to display the initial OSD menu screen shown below.



Press Exit to close the OSD menu screen.

Press the Up and Down arrows to highlight a category and press the Menu button to select it.

Press the Exit button to close the on-screen display or go back up one menu level.

Use the Up & Down buttons to adjust the parameters or select further sub-categories.

Press Menu again to select a sub-menu from a category and then the Up and Down arrows to adjust or change the parameters. Press Menu once more to save the setting.

Note: If no adjustment is made to a control, the OSD will switch off after approximately ten seconds.

- **CONTRAST**  
Adjusts the contrast between bright / dark graphics and text.
- **BRIGHTNESS**  
Adjusts brightness of the screen.
- **LAMP**  
Adjusts the backlight lamp current
- **SHARPNESS**  
Makes the picture sharper.
- **COLOR**  
Adjusts Picture Chrominance Gain/Ratio.
- **TINT**  
Adjusts Picture Chrominance angle (or skin colour).
- **VIVID COLOR**  
Makes colour brighter without over-saturation.
- **SKIN TONE**  
Makes the skin colour brighter without affecting other colours.
- **GREEN**  
Strengthens Green (grass colour) colour without affecting other colours.
- **BLUE**  
Strengthens Blue (sky colour) colour without affecting other colours.
- **NOISE**  
Adjusts the noise reduction level.
- **GAMMA**  
Adjusts to display detail hidden in shadows.
- **LANGUAGE**  
Choose between English and French for the OSD menu
- **VOLUME**  
Adjusts the monitor speaker volume

- MIRROR  
Chooses the Image normal and rotate for H display
- RECALL  
Resets the parameters to original factory settings.

# Care and Maintenance

## Handling and operational guidance

- Avoid dropping the on-camera unit or any of its individual components.
- Clean the monitor periodically.
- Do not run the prompter for excessively long periods of time. This will cause the operation of the backlight panel to deteriorate, gradually becoming dimmer.
- Do not use in wet weather without a cover.
- Do not expose to sunlight for long periods of time.
- Adjust the mounting bracket to allow clear space between the glass of the hood and the fully-extended camera lens
  - small vibrations may cause scratches
  - contact by the lens may break the glass
- Ensure that the on-camera unit is correctly aligned both horizontally and vertically with the camera
- Ensure that the whole on camera unit is securely fastened and does not sway from side to side.

## Common problems

The table below lists common problems that may occur during prompter operation and some suggested solutions.

Problem	Check...
The power LED of the LCD flat-panel display is not illuminated	<ul style="list-style-type: none"><li>if the power switch for the unit is in the ON position</li><li>if the power cord is connected to a working power outlet.</li><li>if the power cord is plugged in to the unit</li></ul>
There is no picture visible	<ul style="list-style-type: none"><li>if the power supply receives power and is correctly connected to the display</li><li>if the signal cable is correctly connected to the graphics board or to the video source and display</li><li>if the device is it turned on and set to the correct mode (VGA or video)</li><li>if the display supports the graphics mode of the graphics board (see Technical Specifications)</li><li>if the connectors have any bent pins</li><li>if the brightness and contrast settings in the OSD menu are appropriate</li><li>if the screen saver settings of your system are causing problems</li></ul>
The image is blurred or unstable	<ul style="list-style-type: none"><li>if the signal cable is correctly connected</li><li>if the selected graphics mode is correct.</li><li>if the display supports the graphics mode of the graphics board.</li><li>if the resolution of the unit is set to less than 1280 x 1024 at a refresh rate of 60 Hz. (For resolutions lower than this the image is expanded via interpolation)</li></ul>

Problem	Check...
	which may cause errors. As a result the image may look blurred.)
Alternative suggested remedies:	Select "Auto adjust" from the Position menu. Select the H-Total and Phase functions from the Position menu and change the settings to achieve a sharp and stable image (these settings may have to be repeated when you have selected another graphics mode).
The image is not sized properly or not centered	if the horizontal and vertical image position in the OSD menu is set correctly if the selected graphics mode is appropriate if the display unit supports the graphics mode of the graphics board
OSD error message: "Signal overrange"	if the selected graphics mode is correct. if the display unit supports the graphics mode of the graphics board

For further troubleshooting assistance, refer to the Support >> FAQs area on our website:

[www.autocue-qtv.com](http://www.autocue-qtv.com).

## Cleaning the on-camera unit

**Care: Electric Shock Hazard! Isolate the prompter display unit and any other electronic devices from any power source before cleaning the display unit surface.**

### Monitor

Regular cleaning will help keep your monitor in good condition.

- As recommended by the manufacturers, use tepid water with a small amount of detergent to clean the glass on the monitor and then leave it to dry naturally.
- Wipe the equipment surface down with a moist cloth; do not allow liquid to enter the equipment.

### Mirrored glass

- Glass should be carefully removed from the hood and cleaned in warm soapy water, or using a non-abrasive detergent. If you use a standard glass cleaning product, you will remove the reflective coating on the glass and it will need replacing.
- Wait until all cleaned parts are completely dry before reconnecting the prompter display unit to the power source.

# If you need to contact Autocue or QTV

## Support

Our hardware and software support is provided by in-house teams of experienced and dedicated staff.

We provide free telephone support for prompting customers during UK office hours (9am till 6pm GMT) and US office hours (9am till 5pm EST). When contacting the technical support teams, please provide as much detail as possible.

### Information we need

Whenever you make a support enquiry, the minimum information we will need includes the model range and size (for example Professional Series 17-inch monitor) serial number and purchase date.

- The serial number can be found on a label on the back of a monitor or the bottom of a controller.
- The purchase date will allow us to determine whether a replacement unit can be supplied to you under warranty.

You should also check the FAQ section of our web site to see if the answer you need has already been provided:

<http://www.autocue-qtv.com/faqs>

If you cannot find the answer on the web site, contact the Technical Support team.

<b>International</b>	SoftwareSupport@autocue.co.uk	+44 20 8665 2992
	HardwareSupport@autocue.co.uk	+44 20 8665 2992
<b>Americas</b>	SoftwareSupport@qtv.com	+1 704 377 1496
	HardwareSupport@qtv.com	+1 212 929 7755

## Sales

If you require additional or replacement hardware and software, contact the Autocue or QTV sales team.

<b>International</b>	<a href="mailto:sales@autocue.co.uk">sales@autocue.co.uk</a>	+44 20 8665 2992
<b>Americas</b>	<a href="mailto:sales@qtv.com">sales@qtv.com</a>	+1 212 929 7755

## Legal information

### Copyright

©2003-2010 Autocue Group Ltd. All rights reserved. All information about Autocue software, hardware and accessories—including company and brand logos—contained in this guide is protected under international copyright conventions.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any recording or otherwise, without prior permission of Autocue Group Ltd. All third-party software or hardware—including logos—referenced within this guide is copyright of the respective owners.

### Disclaimer

Autocue Group Ltd reserves the right to revise this publication and to make changes in its content without obligation of Autocue Group Ltd to notify any person or persons of such revision.