



Manufacturer: Barco N.V.  
Model: Event Master Controller  
Device Type: Video Processing

#### CONTACT SUPPORT:

COMPANY NAME:	Barco NV
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#### GENERAL INFORMATION

SIMPLWINDOWS NAME:	Barco Event Master Controller
CATEGORY:	Screen management system
VERSION:	V1.0
SUMMARY:	Controls the sources/PIPs on destinations and layers.
GENERAL NOTES:	Demo program to control an Event Master device
CRESTRON HARDWARE REQUIRED:	Minimum 3-series.
SETUP OF CRESTRON HARDWARE:	CP3 and CP4
VENDOR FIRMWARE:	Encore3 : V10.1 E2, EX, S3, IP4K : min. V8.2
VENDOR SETUP:	Setup of the system via the Event Master Toolset. Define inputs, outputs, sources, destinations, presets & cues. To use all layouts in the demo, destinations need to have min. 3 layers
CABLE DIAGRAM:	Control via TCP-IP port 9999 and 10000



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## CONTROL:

<u>Signal/Function Name</u>	<u>D,S,A</u>	<u>Digital, Serial, Analog signal property definition.</u>
FrameType	A	Sets the Frame Type of the current device.
Logging	D	Set high to enable logging.
ShowAllScreens	D	Press to show the overview of screens.
SelectLayout_<Nr>	D	Press to select a layout.
SelectPiP_<Nr>	D	Press to select a PiP.
SelectSource_<Nr>	D	Press to select a source.
SourceName_<Nr>	S	Sets the source name.
SelectDestination_<Nr>	D	Press to select a destination.
DestinationType_<Nr>	A	Sets the Destination Type. 1=Screen, 2=AUX.
SelectBackground_<Nr>	D	Press to select a background.
BackgroundName_<Nr>	S	Sets the background name.

## FEEDBACK:

PGM	D	Selects Program.
PVW	D	Selects Preview.
AllTrans	D	Activates the transition from Preview to Program.
Cut	D	Activates cut from Preview to Program.
ActivateSourceFullScreen	D	Activates the selected source fullscreen on the selected destination and layer.



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<b>ActivateSourceLeftSide</b>	D	Activates the selected source on the left side of the selected destination and layer.
<b>ActivateSourceRightSide</b>	D	Activates the selected source on the right side of the selected destination and layer.
<b>ActivateSourcePercentage</b>	D	Activates the selected source on the selected destination and layer using the percentages.
<b>ActivateBackground</b>	D	Activates the selected background on the selected destination.
<b>RemoveSource</b>	D	Removes the source on a selected layer/destination.
<b>SourceXPos</b>	A	Indicates X position of the source as a percentage of the width destination. 50 indicates the X position starts at the half of the width of the destination.
<b>SourceYPos</b>	A	Indicates Y position of the source as a percentage of the height destination. 50 indicates the Y position starts at the half of the height of the destination.
<b>SourceWidth</b>	A	Indicates the width of the source as a percentage of the width destination. 50 indicates the source width as half of the width of the destination.
<b>SourceHeight</b>	A	Indicates the height of the source as a percentage of the height destination. 50 indicates the source height as half of the height of the destination..
<b>SourceOnDestination_&lt;Nr&gt;</b>	S	Indicates the selected source name on each PiP.
<b>ShowBackgrounds</b>	D	Indicates if backgrounds are active (backgrounds are not available for Encore 3).
<b>NrLayouts</b>	A	Indicates the number of layouts.
<b>SelectedLayout_&lt;Nr&gt;</b>	D	Indicates the selected layout.
<b>SelectedPIP_&lt;Nr&gt;</b>	D	Indicates the selected PiP.
<b>SelectedSource_&lt;Nr&gt;</b>	D	Indicates the selected source.
<b>SelectLayer_&lt;Nr&gt;</b>	D	Indicates which layer to select.
<b>SelectedBackground_&lt;Nr&gt;</b>	D	Indicates the selected background.



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## TESTING:

OPS USED FOR TESTING:	CP3 : CP3 1.8001.0295 CP4 : CP4 2.8006.00110
SIMPL WINDOWS USED FOR TESTING:	4.30
DEVICE DB USED FOR TESTING:	200.435
CRES DB USED FOR TESTING:	228.35
SYMBOL LIBRARY USED FOR TESTING:	508
SAMPLE PROGRAM:	Barco Event Master Demo V1.0.smw
REVISION HISTORY:	V1.0 Initial Release