



Thank you for choosing **Analog Way** and the **Smart Edge**. By following these simple steps, you will be able to setup and use your powerful Hi-Resolution Mixer Switcher with Dual Output Edge Blending within minutes. Discover the **Smart Edge** extensive capabilities and intuitive interface while configuring your first show, and unleash your creativity for a new experience in show and event management by **Analog Way**.

What's in the box

- 1 x **Smart Edge (STE100)**
- 1 x **AC Power cable**
- 2 x **DVI-I male to HD15 female and DVI-D female breakout cable**
- 1 x **HD15 to 5 BNC cable**
- 1 x **Ethernet cross cable (for device update)**
- 1 x **Set of 3 audio 5-pin screw terminals**
- 1 x **RCS - Remote Control Software (PC only) ***

- 1 x **User Manual (PDF version) ***
- 1 x **Quick Start guide (PDF version) ***

* *Download on our website: www.analogway.com*

Optional:

- 1 x **Sync Cable for multiple machine mode (Ref. AW212080)**

WARNING !

If required, front handles of the device can be dismantled, but with caution.

The original screws removed must not be reintroduced to their location without handles in place.

Substantial damages can occur, including risk of electric shock from the mains voltage.

Only **M4x12mm** screws can be used.
(They are supplied with the unit)

Quick install and setup

Getting started:

You may wish to reset the unit to factory settings to get started.
Go to: **Menu --> Control --> Default Values --> Yes.**

1. Select the Output resolution that matches the native resolution of your display. You will next be prompted to choose enable follow mode if desired and output rate.

Menu --> Output --> Output format --> 1024x768 --> Internal Ref --> 60 Hz.

2. The principle of Soft Edge Blending lies in projecting an image on a wide screen thanks to two or more video projectors displaying the same content.

We Invite you to read the User Manual if your skills are not enough to achieve the necessary adjustments.

To see in the User Manual: Page 32 to 34 and page 50 to 54.

3. To display a source, select the **[BACKGROUND LIVE]** layer (it will begin to blink) then, select a source (it will also blink). Press **[TAKE]** to transition your source from preview to program output.

There will always be a layer selected (blinking) and a source selected (blinking) to the selected layer (blinking). To view on preview or change the contents of a different layer, simply select it. The Smart Edge has 2 layers available called: **[BACKGROUND LIVE]** and **[DSK]**.

Each layer will obscure your view other layer below.

4. To display a titling, select the **[PIP]** layer, (it will begin to blink) then select your source (it will also blink). Press **[TAKE]** to display the PIP on program out.

The title layer is only available by an external Remote Control (RCS/RK-300/TRK-800/ORC50/ARC200).

The Layer selection section allows to adjust Layer size, position, transparency or transitions.

The Keying/Tilting section allows to access keying and titling controls and parameters.

The Key layer has similar capabilities than any other layers.

The only constraint is that this layer must necessarily contain a source of keying that is already applied.

Otherwise the source will be converted to black.

RK-300, TRK-800 and RCS allow to control the Key Layer by the **[PIP2]** button.

ORC50 or ARC200 allow to control the Key Layer by **[PIP1]** button.

To see the layer beneath, you will need to clear or move the layer that are the top.

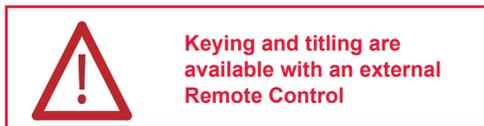
5. To clear the PIP, select the layer (it will blink) then, select **[BLACK]**. Press **[TAKE]** to remove the layer from the program output.

IMPORTANT:

Simply selecting a menu item will not set it to that value. Be sure to press the ENTER button when parametering the menu items.

Smart Edge - Ref. STE100

Front Panel Description

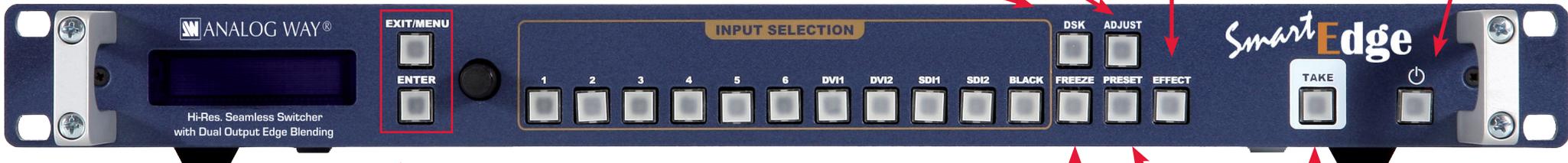


DSK
Select to access keying and titling controls and parameters

ADJUST
Adjust active layer

EFFECT
Select a custom transition

STAND-BY
Hold for 3 seconds for stand-by Mode



CONTROL
EXIT/MENU: Home Menu or back one level
ENTER: Validates the menu or command

INPUT SELECTION
#1 to #6: Press to access analog source #1 to #6
DVI 1 to DVI 2: Press to access DVI #1 or DVI #2
SDI 1 to SDI 2: Press to access SDI #1 or SDI #2
BLACK: Clear the active layer

FREEZE
Freeze the input linked to the current layer on MAIN

PRESET
Recall a custom stored preset (4 memories available). To store a preset use Menu -> Presets

TAKE
Display the selected sources onto the MAIN output with the selected effects

BUTTON COLOR USAGE

Solid red:		#1 = Source is on the main outputs #2 = Freeze enable #3 = Stand-by button #4 = Preset Selection
Solid green:		#1 = Source is on Preview #2 = Function available for modification
Blinking red:		Layer/source selected, and is currently active on the main output
Blinking green:		Layer/source selected, and is not currently active on the main output

OUTPUT SETUP

- 1- Press the **EXIT/MENU** button from the Home menu [all functions must be confirmed by the **ENTER** button]
- 2- Press **[Output]**
- 3- Press **[Output format]**
- 4- On Format line, select the display's native resolution
- 5- Control or adjust your display device
- 6- If necessary, select **[Test Pattern]** in the Output menu

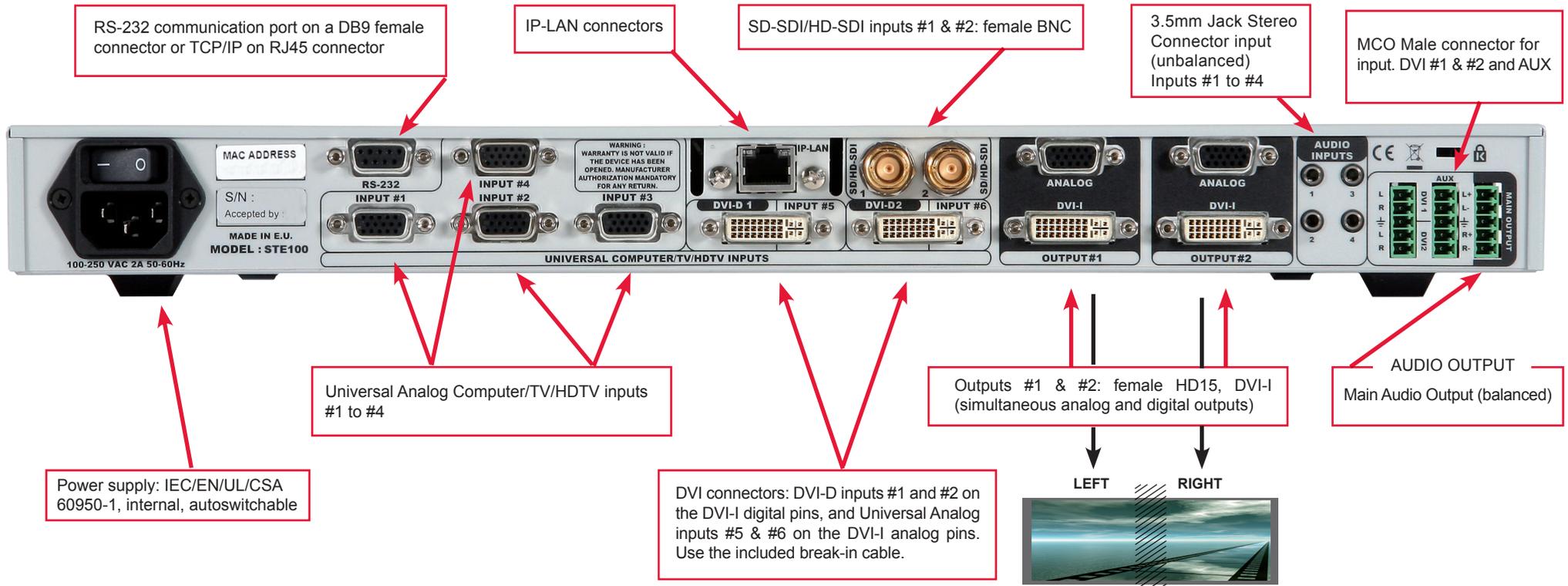
INPUT SETUP

- 1- Press the **EXIT/MENU** button from the Home menu [all functions must be confirmed by the **ENTER** button]
- 2- Press **[Input]** and **[Autoset ALL]**
- 3- If the acquisition has failed, check all connections and perform a manual setup
- 4- For a comprehensive Input Setup, please refer to user's Manual
- 5- For a manual input setup, press the **EXIT/MENU** button:
 - a) Press **[Input]**,
 - b) Select the right input from Input #1 up to SDI #2, then
 - c) Select **[Type]**.

NOTE: To adjust input Size or Pos, use the **[Layer] Menu**.
To adjust Blanking, use the Auto-Centering or Blanking adjustments in the Image menu.

Smart Edge - Ref. STE100

Rear Panel Description



WORKING WITH STE100

The features of STE100 can be controlled by the external remote control as:

- Orchestra - Ref.: ORC50
- Axion2 - Ref.: ARC200
- Remote Control Software - Ref.: RCS (supplied)
- Triple Remote Control Keypad - Ref.: TRK-800
- Remote Control Keypad - Ref.: RK-300



RK-300, TRK-800 & RCS can not be used in multiple machine mode.

HOME MENU

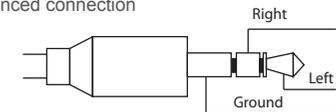
The Home Menu is the system's top level menu, from which all others menus can be accessed. To access a menu, press the [MENU] button. To navigate in the Home Menu, please use the knob. To confirm, please use the [ENTER] button. You can also return to the Home Menu by pressing the [EXIT] button.

- **INPUT:** configure the 10 individual input types and resolutions
- **OUTPUT #1:** display the left image
- **OUTPUT #2:** display the right image
- **PRESET:** store and use presets
- **IMAGE:** change source image settings of an input
- **KEYING/TITLING:** access keying and titling controls and parameters
- **LAYER:** adjust Layer size, position, transparency or Transitions
- **AUDIO:** access all audio input and output parameters
- **SOFTEDGE:** access controls and parameters for Embedded Soft Edge Mode
- **CONTROL:** access device software information, LAN settings, reset factory settings, amongst other user oriented functions (see next page)
- **VIRTUAL T-Bar:** select to access the Virtual T-Bar

AUDIO INPUTS CONNECTIONS

3.5mm Jack Stereo Connector

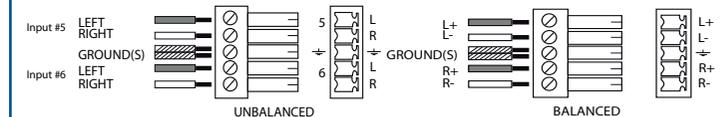
Inputs #1 to #4: Unbalanced connection



MCO Male Connectors

DVI #1 to DVI #2: Unbalanced connection

Input #7 (AUX): Balanced connection
Main Output: Balanced connection

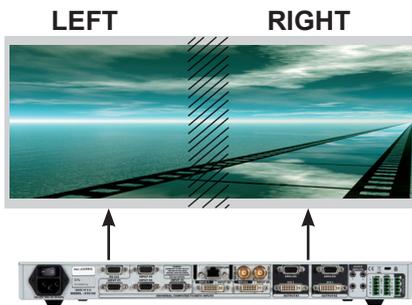


NOTE: The updater files are available on our web site: <http://www.analogway.com>

Multiple Machine Mode

Up to 3 x STE100 for Large Wide Screen with 6 Video Projectors.

>> 1 x STE100 = 2 Video Projectors

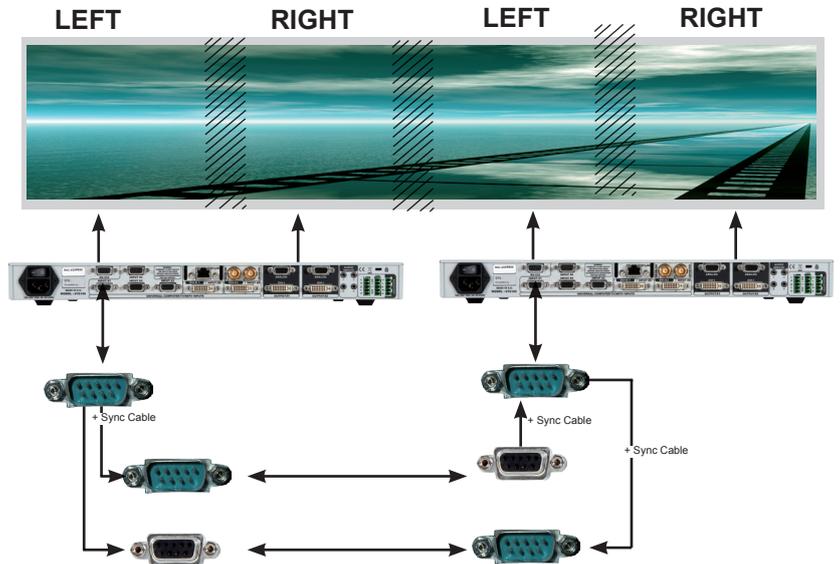


No Sync Cable.

WARNING !

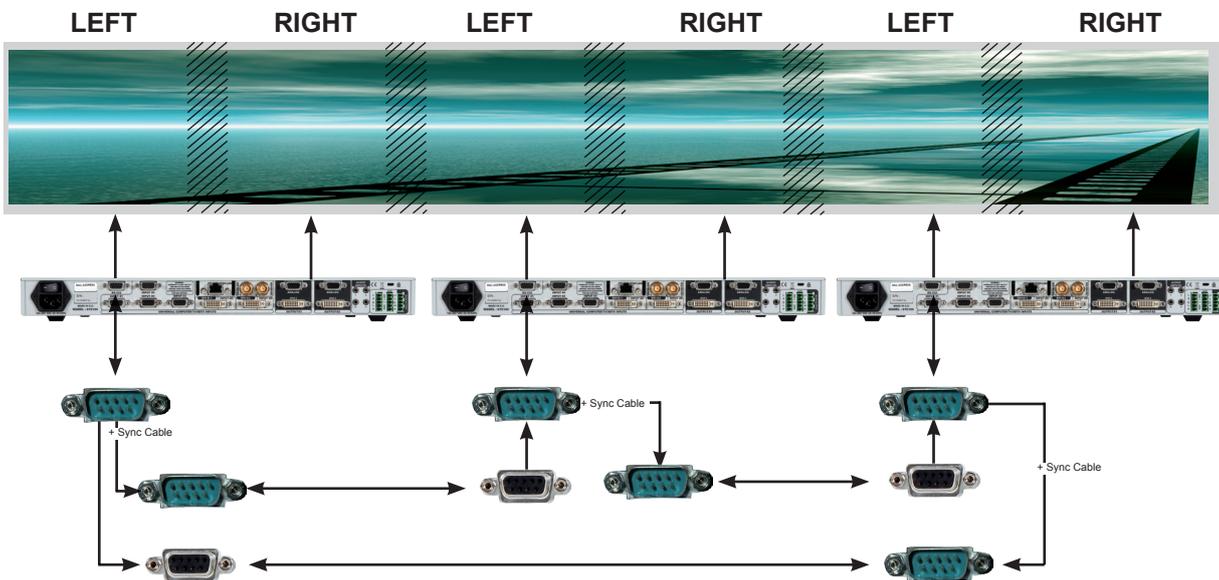
Sync Cable **OPTIONAL**.
For multiple machine mode, use one cable per STE100 (Ref. **AW212080**).
For a perfect functioning, the follow mode is recommended on all units.

>> 2 x STE100 = 4 Video Projectors



Thank you for using 2 x Sync Cable for multiple machine mode.

>> 3 x STE100 = 6 Video Projectors



Thank you for using 3 x Sync Cable for multiple machine mode.

Warranty

This **Analog Way** product has a 3 year warranty on parts and labor, back to factory. This warranty does not include faults resulting from user negligence, special modifications, electrical surges, abuse (drop/crush), and/or other unusual damage.

Going further with the STE100

For complete details and operations procedures, please refer to the **Smart Edge** User's Manual and our website for further information: www.analogway.com.