QUICK-START GUIDE FOR THE IMAGESTORE 750

872-54M05-101 October 2007

Getting Organised – What's in the box?

Your **Imagestore 750** system package includes the following:

- Imagestore 750
- Chassis brackets
- Manuals
- CD containing Media Conversion Suite
- IEC Power cable

Installing the Hardware

Install the Imagestore-750 so that the text on the chassis is upright, using the **chassis brackets** provided – chassis brackets should be used in preference to runners which may block air ventilation holes

If the chassis brackets are too long for the rack, we recommend using a **tray** or metal **bar** to support the Imagestore-750. Alternatively, fit a plate on the side of the Imagestore-750 to help support the rear of the unit.

Do **NOT** install the Imagestore-750 mounted by the front ears only, as additional support will be required

Install the unit in an air conditioned environment

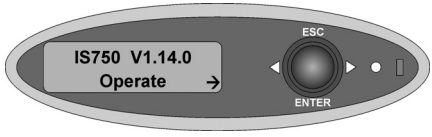
Power Up

The Imagestore 750 has **relays** built into the **A** and **C** inputs. Before powering the unit up, confirm that **video passes** correctly to **PGM** and **PVW** respectively.

Connect the **dual redundant** power supplies to the mains.

During boot-up the following messages are displayed on the front panel. This should take less than 60 seconds.

Miranda Imagestore 750
Imagestore Starting



You will see the Operate menu when the unit has completed the boot-up sequence

Note, upon restart the Imagestore 750 will start with all keying layers cut down and AB Mixer set to A.

Initial Set up

Configure the video standard – 525, 625, 720p (50Hz or 59.94Hz), 1080i (50Hz or 59.94Hz)

[**Setup**] - Enter
[**System Setup**] - Enter
[**Set Standard**] - Enter

Configure the reference delay

The reference will auto detect whether you are using bi-level, or tri-level sync. If no reference is present, the unit will automatically sync to the A input. Go to [**Setup**], [**System Info**] to see which format is being used. To configure the delay select:

[**Setup**] - Enter
[**System Setup**] - Enter
[**Set Reference**] - Enter

Configure the IP address and subnet mask

From the menu, select

[**Setup**] - Enter
[**System Setup**] - Enter
[**IP Address**] – Enter
[**Network Mask**] - Enter

Configure the serial ports – the Imagestore 750 has 4 serial ports to be used for automation, Presmaster, Intuition and EAS receiver control. To configure these ports, select:

[**Setup**] - Enter
[**System Setup**] - Enter
[**Serial Comms**] – Enter
[**Com 1**] – Enter
[**Serial Type**] - Enter
[**Baud Rate**] - Enter
[**Protocol**] – Enter

Set up the store memory – the Imagestore 750 has 4 keying layers which share 512 MB of memory. The memory allocation can be adjusted, to suit the system requirements. E.g. 1 keyer with 512 MB or 4 keyers with 128 MB.

[**Setup**] - Enter
[**System Setup**] - Enter
[**Store Memory**] – Enter
[**>128<128-128-128**] – Enter to select which store to adjust

Basic Operations – Restore Factory Defaults

[**Setup**] - Enter
[**System Setup**] - Enter
[**Factory Reset**] - Enter

This will reset the Imagestore to factory default settings. The following are affected:

Video Standard – default 525, or 1080i @ 59.94Hz if the unit is HD capable
Comms ports – default = RS232, 19200, Automation
Stores – default = unload all 4 stores, memory allocation set to 128MB

Basic Operations – GPI ports and creating a GPI Macro

The **GPI ports** may be used either to trigger the execution of a **series** of Imagestore 750 **commands** (input) or to **monitor** the **status** of the Imagestore 750 (output). The sixteen ports may be configured for both input or output operations.

To program a Macro, select the following:

[**Setup**] - Enter
[**GPI Setup**] - Enter
[**GPI Inputs**] – Enter
[**GPI In 1 On**] **-** Enter
[**AB Mixer**] – Enter
[**Cut AB**] - Enter

This macro will perform a "**Cut AB**" when **GPI 1** is triggered

Performing a Software Update

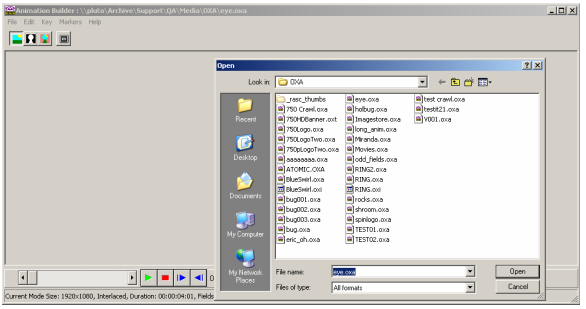
Obtain the latest software from **www.miranda.com**

Please contact Miranda Customer Support to obtain information regarding to the software installation.

Further notes can be found at www.miranda.com

Basic Operations – Transferring a graphic and keying it on-air

Install MCS 5.05 from the CD. Run AnimationBuilder, and transfer one of the default images via the ethernet to the Imagestore 750.



Stage 1 – Graphics

Open **Animation Builder**

Either,

Load **Miranda.oxa** from Miranda MCS CD

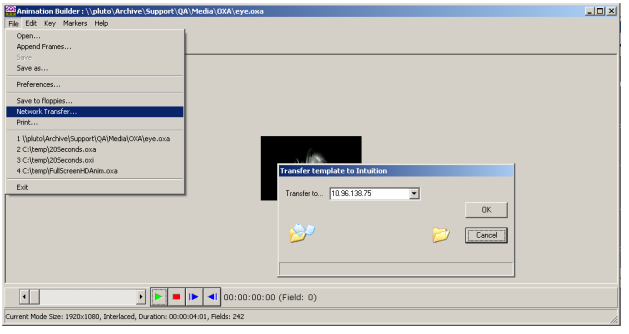
(CD\Demonstration Media\Animations)

Or,

Import a **32-bit Targa** file

Stage 2 – Transfer

Copy the media to the Imagestore 750 by selecting **File** and **Network Transfer**



Stage 3 – Operate

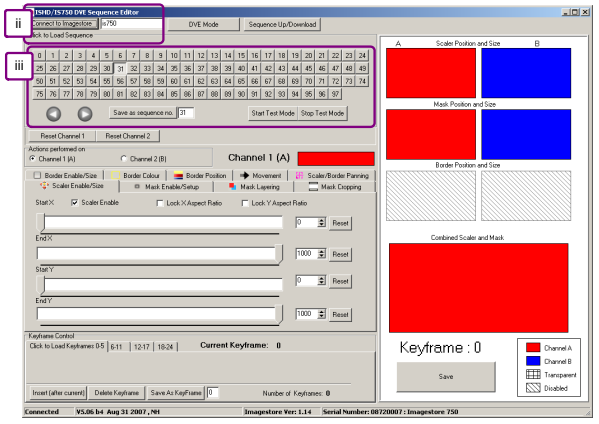
[Operate]
  [DSK 1]
    [Store Ops]
      [Load Image], [Miranda.oxa]
    [Keyer Ops]
      [Cup Up/Down ^]

The **Miranda.oxa** animation should now be keyed on-air via the PGM output.

Basic Operations – Creating and running a DVE sequence

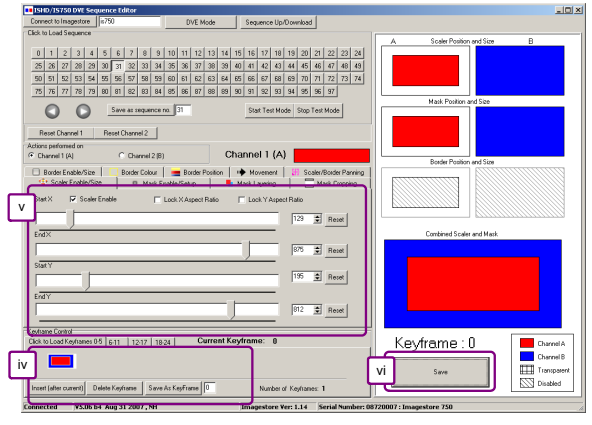
Stage 1.

i. **Open** ISHD/IS750 DVE Editor
ii. **Connect** to the Imagestore 750
iii. Select a **sequence**, e.g.31



Stage 2.

iv. Press the "**Insert (after current)**" button to create a new keyframe
v. Adjust the **Start/End X/Y** coordinates to create **the DVE required**
vi. **Save** the current keyframe



Stage 3.

vii. **Insert** a second keyframe

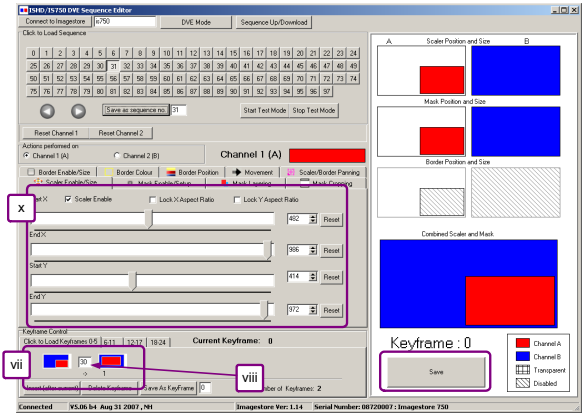
viii. Select the **transition time** between keyframes

ix. **Save**

x. Adjust the **Start/End X/Y** coordinates for the DVE move

xi. **Save**

xii Click "**Save as sequence no.**"



Stage 4.

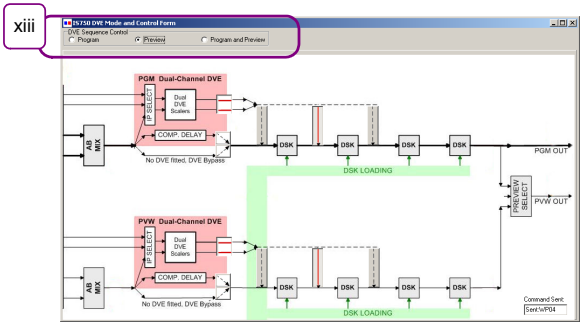
xiii. Adjust the **DVE mode** to operate on the **Preview** output

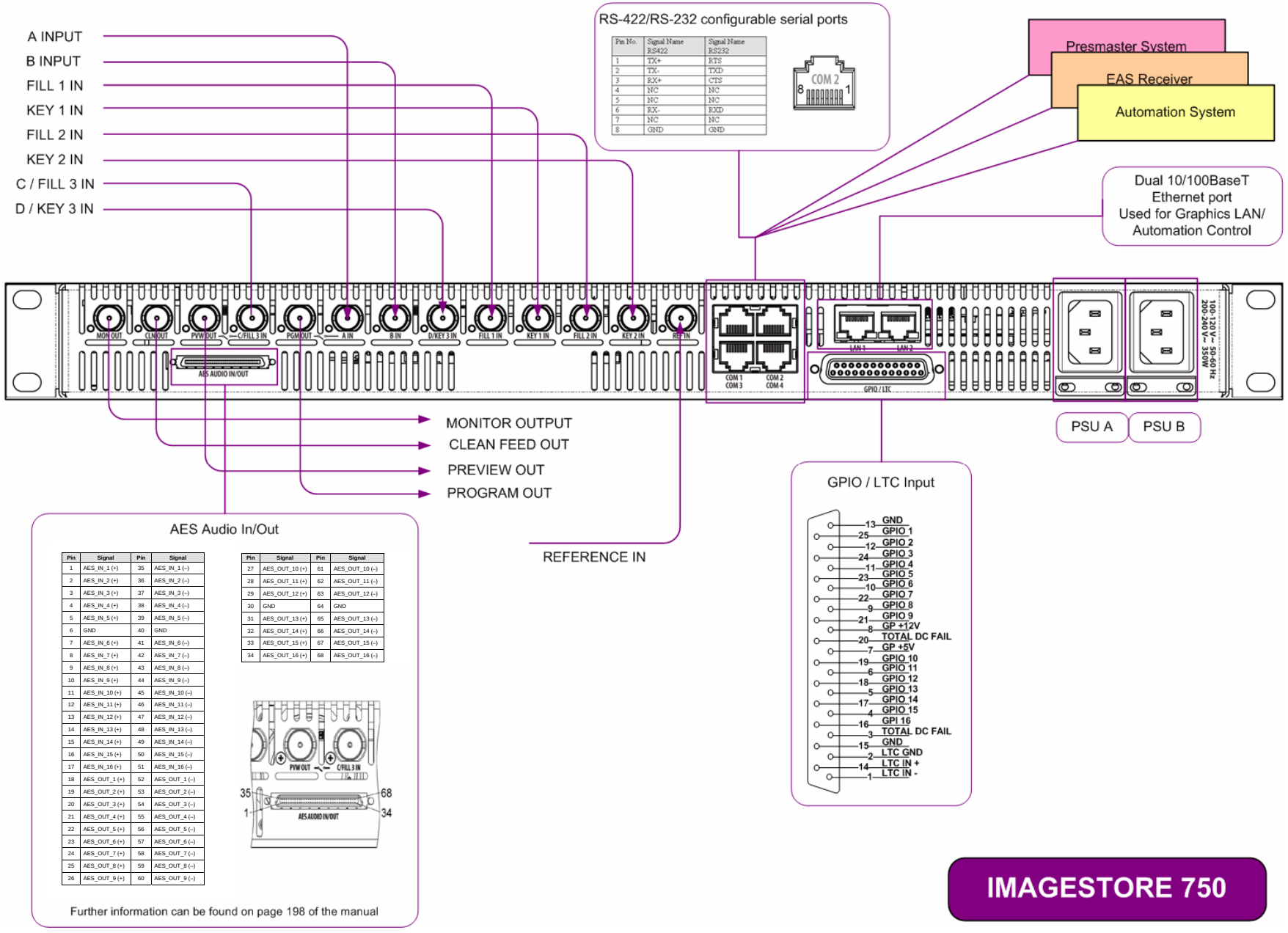
xiv. Run the squeeze move from the Imagestore 750 **front panel**

[operate], [Dual 2D DVE] – **ENTER**
[DVE Mode (PGM)] – **ENTER**
[Enabled] – **ENTER**

[Run sequence], [31] – **ENTER**
[Play Forward] – **ENTER**

You should now see the squeeze perform on the PVW output





Pin No.	Signal Name RS422	Signal Name RS232
1	TX+	RTS
2	TX-	TXD
3	RX+	CTS
4	NC	NC
5	NC	NC
6	RX-	RXD
7	NC	NC
8	GND	GND

Pin	Signal	Pin	Signal
1	AES_IN_1 (+)	35	AES_IN_1 (–)
2	AES_IN_2 (+)	36	AES_IN_2 (–)
3	AES_IN_3 (+)	37	AES_IN_3 (–)
4	AES_IN_4 (+)	38	AES_IN_4 (–)
5	AES_IN_5 (+)	39	AES_IN_5 (–)
6	GND	40	GND
7	AES_IN_6 (+)	41	AES_IN_6 (–)
8	AES_IN_7 (+)	42	AES_IN_7 (–)
9	AES_IN_8 (+)	43	AES_IN_8 (–)
10	AES_IN_9 (+)	44	AES_IN_9 (–)
11	AES_IN_10 (+)	45	AES_IN_10 (–)
12	AES_IN_11 (+)	46	AES_IN_11 (–)
13	AES_IN_12 (+)	47	AES_IN_12 (–)
14	AES_IN_13 (+)	48	AES_IN_13 (–)
15	AES_IN_14 (+)	49	AES_IN_14 (–)
16	AES_IN_15 (+)	50	AES_IN_15 (–)
17	AES_IN_16 (+)	51	AES_IN_16 (–)
18	AES_OUT_1 (+)	52	AES_OUT_1 (–)
19	AES_OUT_2 (+)	53	AES_OUT_2 (–)
20	AES_OUT_3 (+)	54	AES_OUT_3 (–)
21	AES_OUT_4 (+)	55	AES_OUT_4 (–)
22	AES_OUT_5 (+)	56	AES_OUT_5 (–)
23	AES_OUT_6 (+)	57	AES_OUT_6 (–)
24	AES_OUT_7 (+)	58	AES_OUT_7 (–)
25	AES_OUT_8 (+)	59	AES_OUT_8 (–)
26	AES_OUT_9 (+)	60	AES_OUT_9 (–)

Pin	Signal	Pin	Signal
27	AES_OUT_10 (+)	61	AES_OUT_10 (–)
28	AES_OUT_11 (+)	62	AES_OUT_11 (–)
29	AES_OUT_12 (+)	63	AES_OUT_12 (–)
30	GND	64	GND
31	AES_OUT_13 (+)	65	AES_OUT_13 (–)
32	AES_OUT_14 (+)	66	AES_OUT_14 (–)
33	AES_OUT_15 (+)	67	AES_OUT_15 (–)
34	AES_OUT_16 (+)	68	AES_OUT_16 (–)