DPU-7000 Series
Digital Processing Unit
Connectivity Guide

www.cogentixmedical.com

Please refer to the DPU-7000 Series User's Manual for complete instructions and safety requirements.

Cogentix Medical

Vision-Sciences, Inc.
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Orangeburg, NY 10962, USA
www.visionsciences.com

For service contact your local
distributor or Vision Sciences
Customer Service at
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⚠ CE 0843

LINE IN · SPKR · MIC · RGBS · DATA · USB · ETHERNET · PEDAL · COMPUTER · HDMI · VIDEO · Y/C OUT · Y/C IN · REMOTE · KEYBOARD
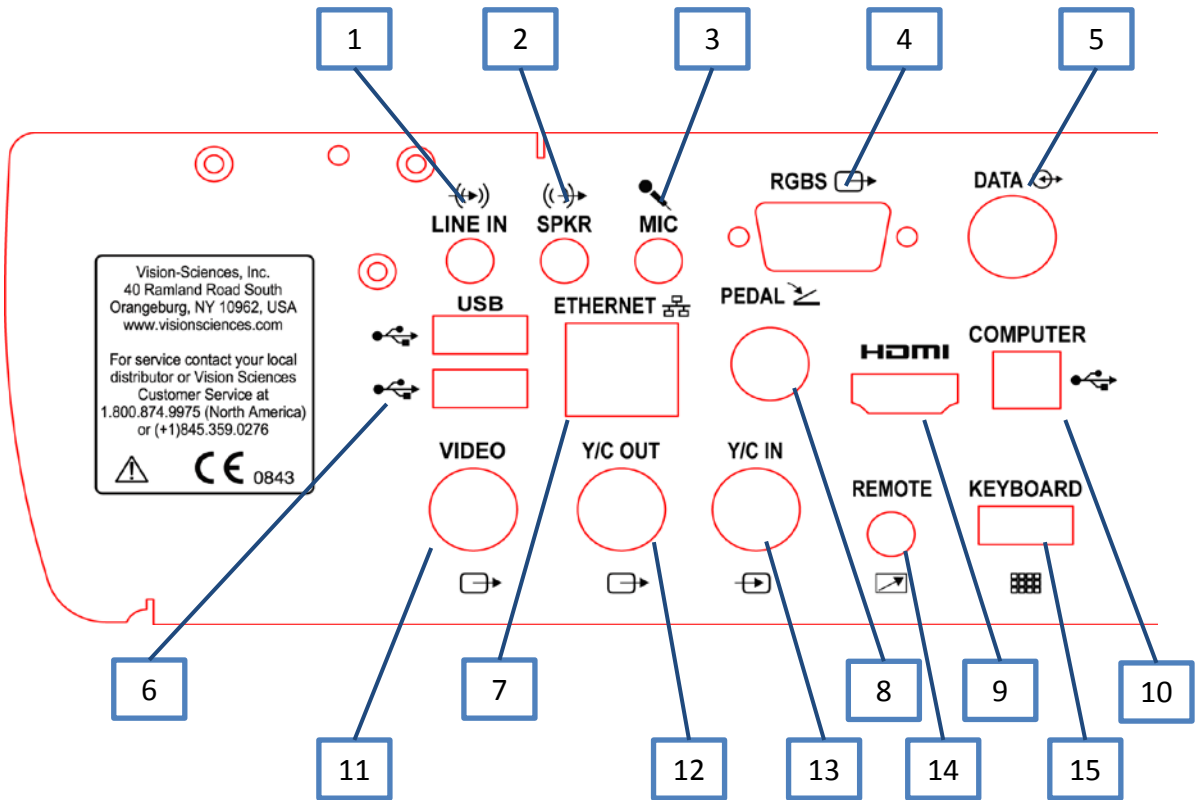
1 — **LINE IN** for recording audio from STR-5000 (Cable required 07-7027)

2 — **SPKR** for external speakers, headphone or recording device with audio inputs

3 — **MIC** for using a standard microphone to record audio notes during video capture (Cable required 07-7037)

4 — **RGBS** for connection to video monitor with separate Red, Green, Blue & Sync signal inputs with BNC Connectors (Cable required 07-2063)

5 — **DATA** STR-5000 unit data connection (Cable required 07-5076)

6 — **USB** two high speed USB 2.0 connectors, may be used to power analog speakers – future support for printers & storage (Cable required 07-5022)

7 — **ETHERNET** – Not Supported for future use

8 — **PEDAL** optional dual foot pedal can activate functions in the same way as the control buttons on connected scope (Foot Pedal 07-5020)

9 — **HDMI** high quality, digital video output; compatible with HDMI digital medical grade monitors (Cable required 07-7020)

10 — **COMPUTER** for connecting DPU to a computer's USB port to access images stored on a SD card (Cable required 07-5022)

11 — **VIDEO** BNC type connector for output of a composite-type video signal to a video monitor (Cable required 07-2062)

12 — **Y/C OUT** provides video signal connection to monitor with Y/C (S-Video) input (Cable required 07-2060)

13 — **Y/C IN** analog video input to replay video from external source ex. DVD recorder (Cable required 07-2060)

14 — **REMOTE** connector to activate external recording or printing devices (Cable required 07-2064)

15 — **KEYBOARD** connect external keyboard (DPU-7000 Keyboard 07-7023)
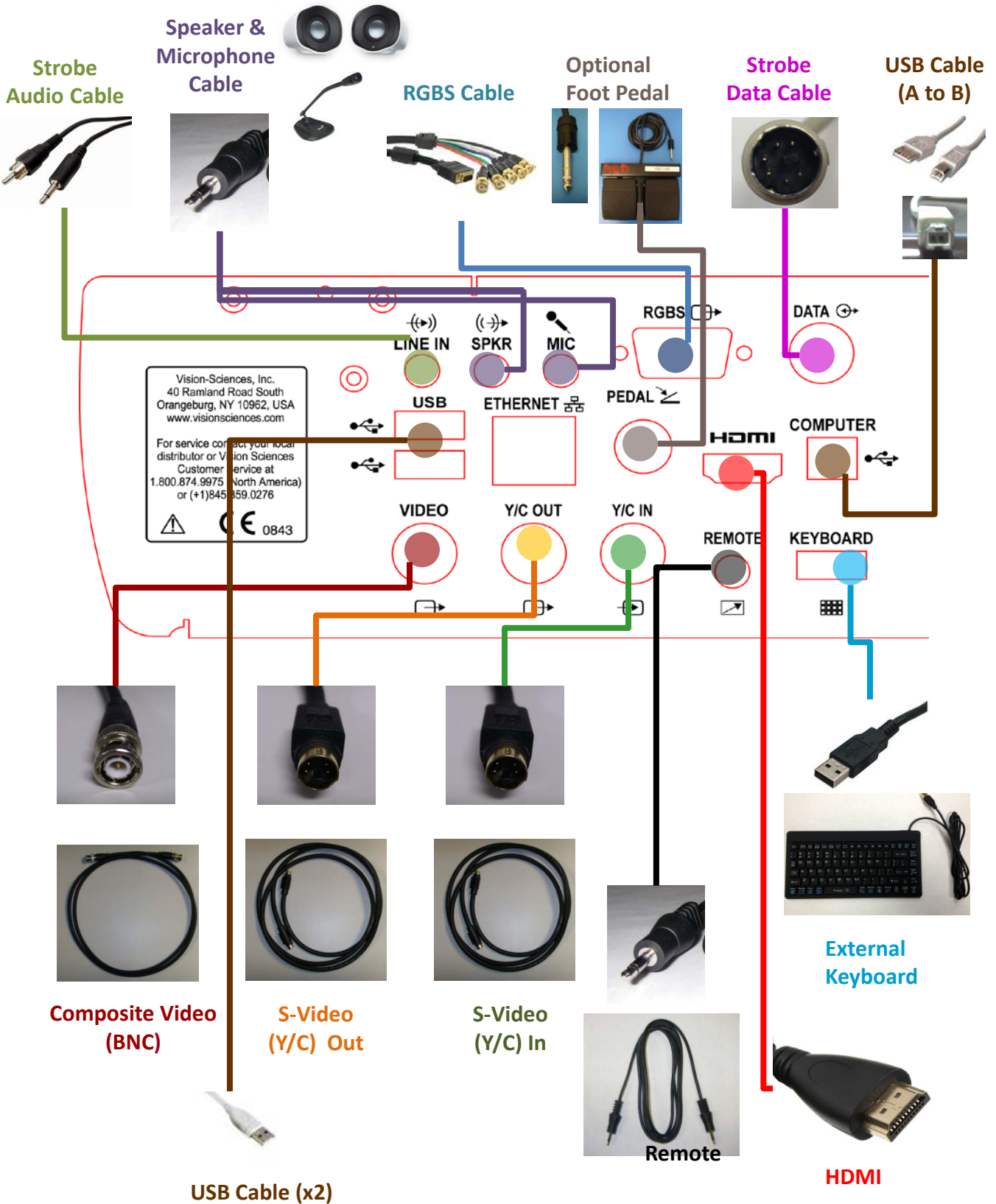
Cogentix Medical

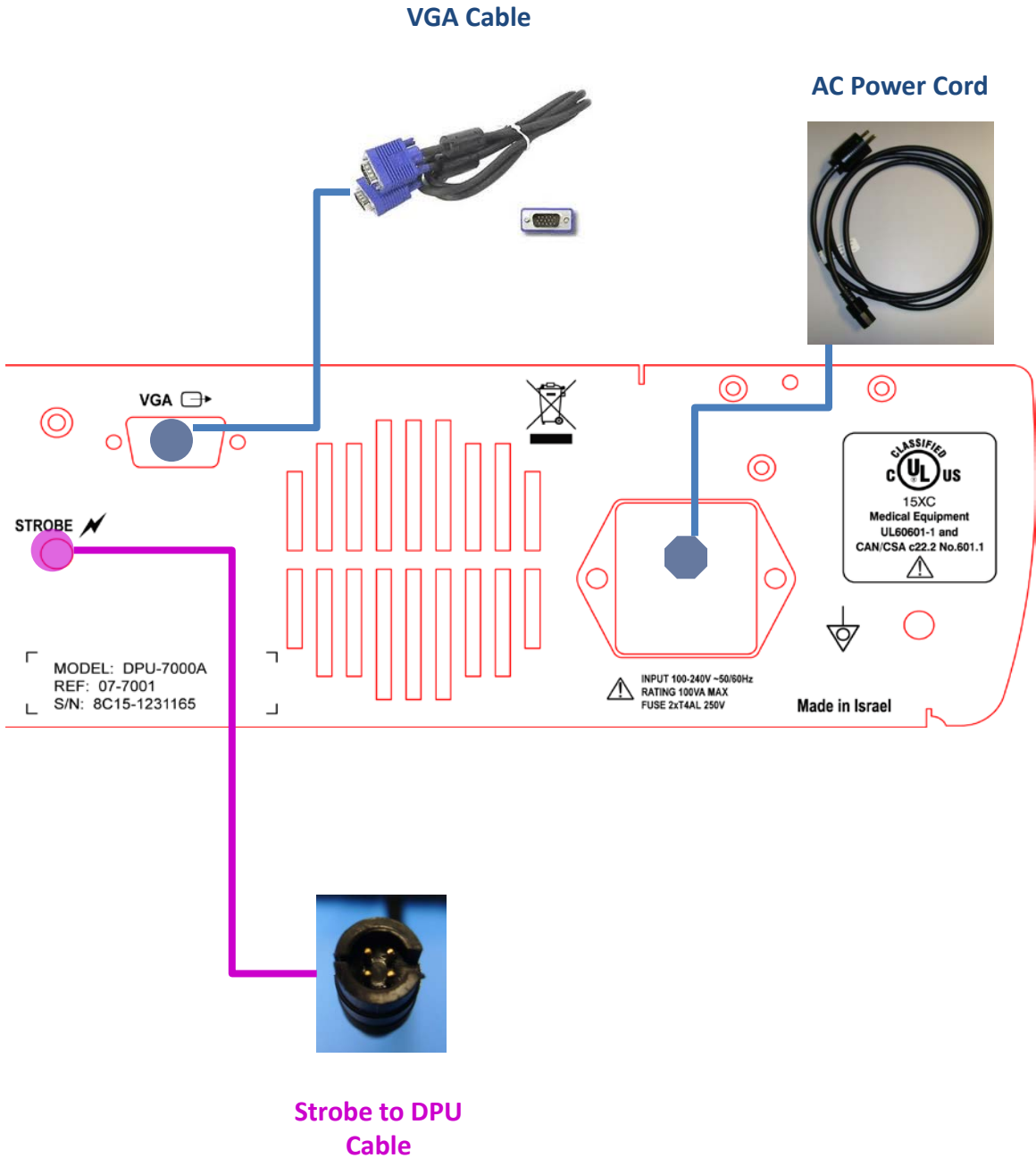**1**   **VGA** External monitor interface for monitors (Cable required 07-7024)

2   **STROBE** connect STR-5000, data from unit can be displayed & recorded (Cable required 07-5073)

3   **Identification Tag** Identifies unit's model #, VSI catalog # & unique serial #

**4**   **AC Power** connects power cord and contains fuse drawer

5   **Equipotential Stud** Safety grounding connection for medical facilities requiring equipotential grounding of electrical instruments

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DPU-7000 Series Digital Processing Unit
REAR PANEL CABLES (Left Side)

Strobe Audio Cable

Speaker & Microphone Cable

RGBS Cable

Optional Foot Pedal

Strobe Data Cable

USB Cable (A to B)

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LINE IN SPKR MIC RGBS DATA

USB ETHERNET PEDAL COMPUTER

HDMI

VIDEO Y/C OUT Y/C IN REMOTE KEYBOARD

Composite Video (BNC)

S-Video (Y/C) Out

S-Video (Y/C) In

Remote

External Keyboard

HDMI

USB Cable (x2)

VGA Cable

AC Power Cord

Strobe to DPU Cable

MODEL: DPU-7000A
REF: 07-7001
S/N: 8C15-1231165

VGA

STROBE

INPUT 100-240V ~50/60Hz
RATING 100VA MAX
FUSE 2xT4AL 250V

CLASSIFIED
c(UL)us
15XC
Medical Equipment
UL60601-1 and
CAN/CSA c22.2 No.601.1

Made in Israel

Option A – Connect with an optional **HDMI cable** - "Provides the best picture quality", Audio is not supported through the HDMI port, a separate audio cable connection is needed to play audio through external monitor speakers if available.

Option B – Connect with an optional **VGA cable** - "Good picture quality"
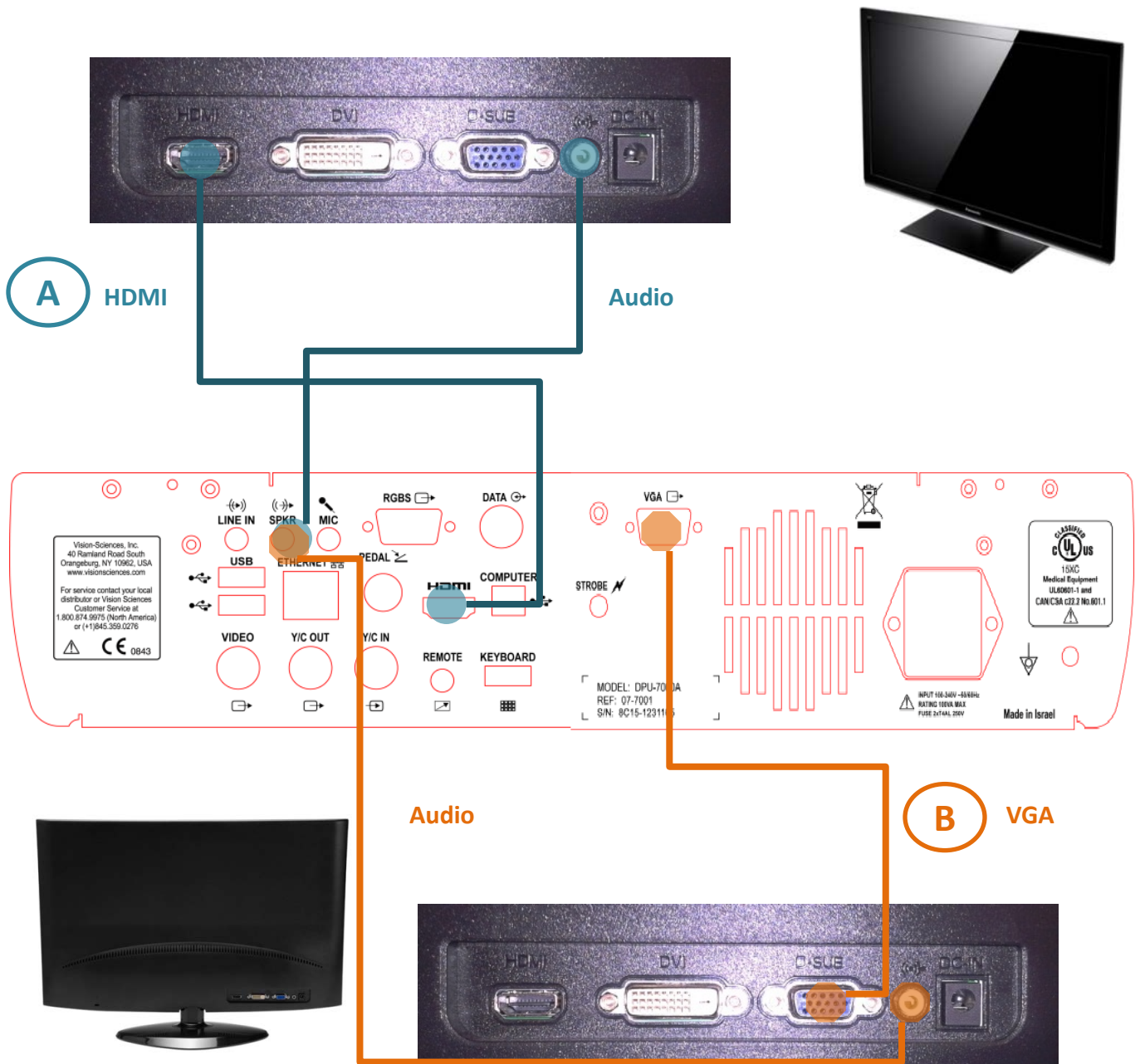
Option A – Connect with an **S-Video (Y/C) cable** - "Most convenient with good picture quality"

Option B – Connect with an optional **RGBS cable** - "Good picture quality"

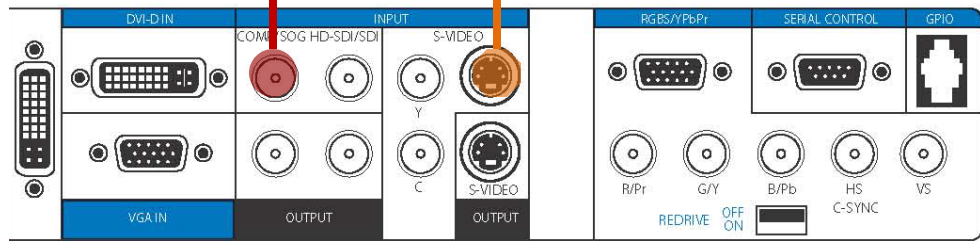**Option C** – Connect with a **Composite (BNC) cable** - "Convenient for remote / nurse monitor"

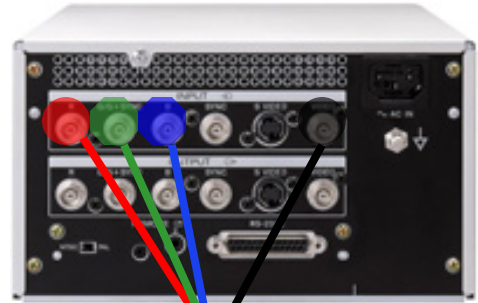**Option D** – Connect with an optional **VGA cable** - "Good picture quality"

B RGBS
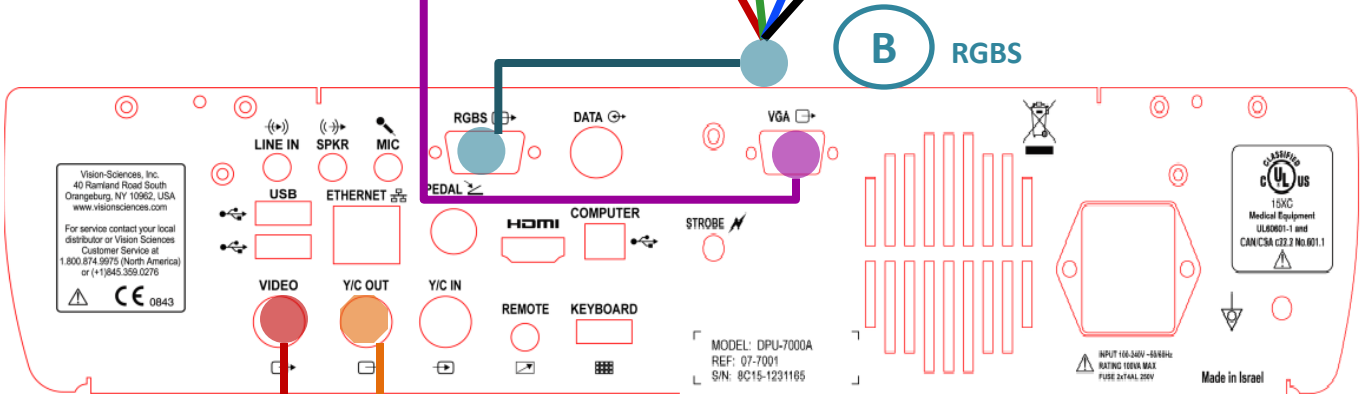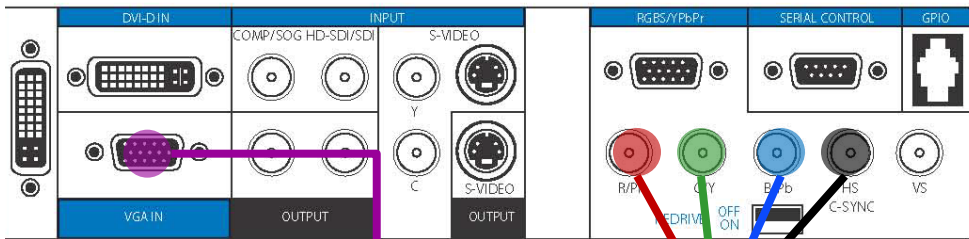
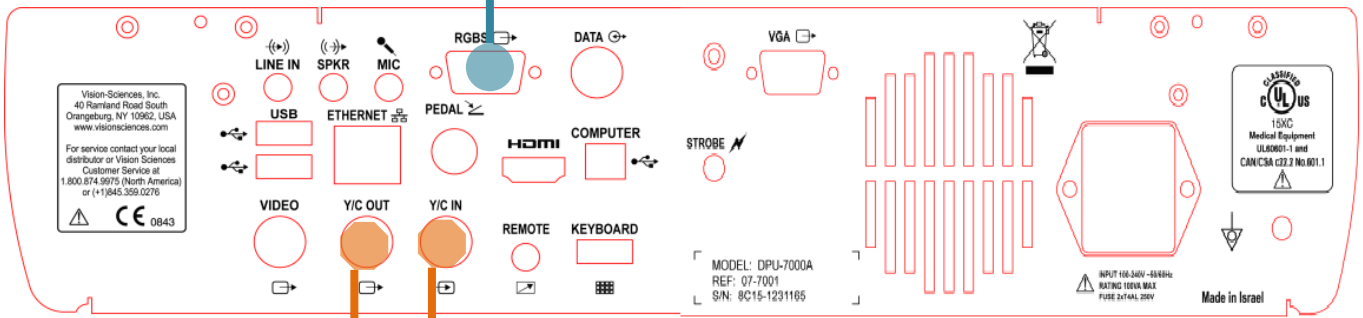**Composite** **C**

A S-Video

Option A – Connect with optional **RGBS cable** - "Good picture quality, requires optional cable"

Option B – Connect with an **S-Video (Y/C) cable** - "Most convenient with good picture quality"
Allows for loop-back viewing of menus and printer setup using Int/Ext Video
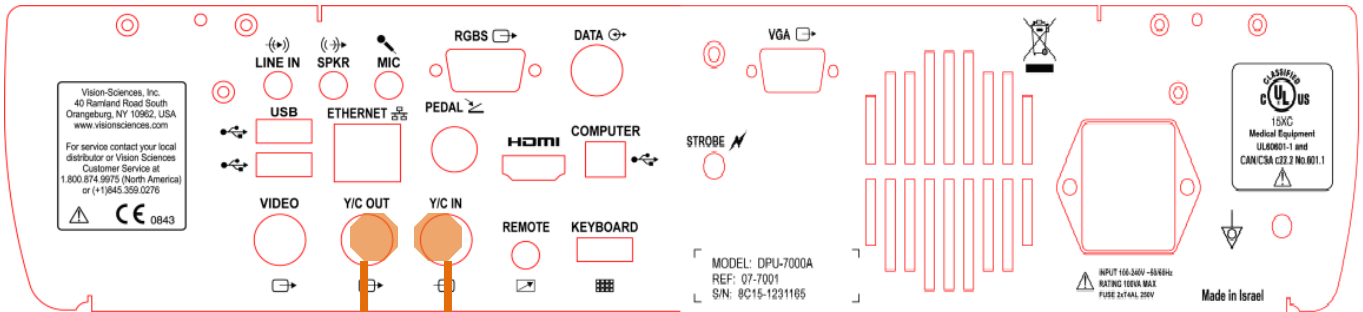switching on DPU-7000.

A RGBS

S-Video **B**

Option A – Connect with an **S-Video (Y/C) cable** - "Most convenient with good picture quality" Allows for loop-back viewing of menus and printer setup using Int/Ext Video switching on DPU-7000.
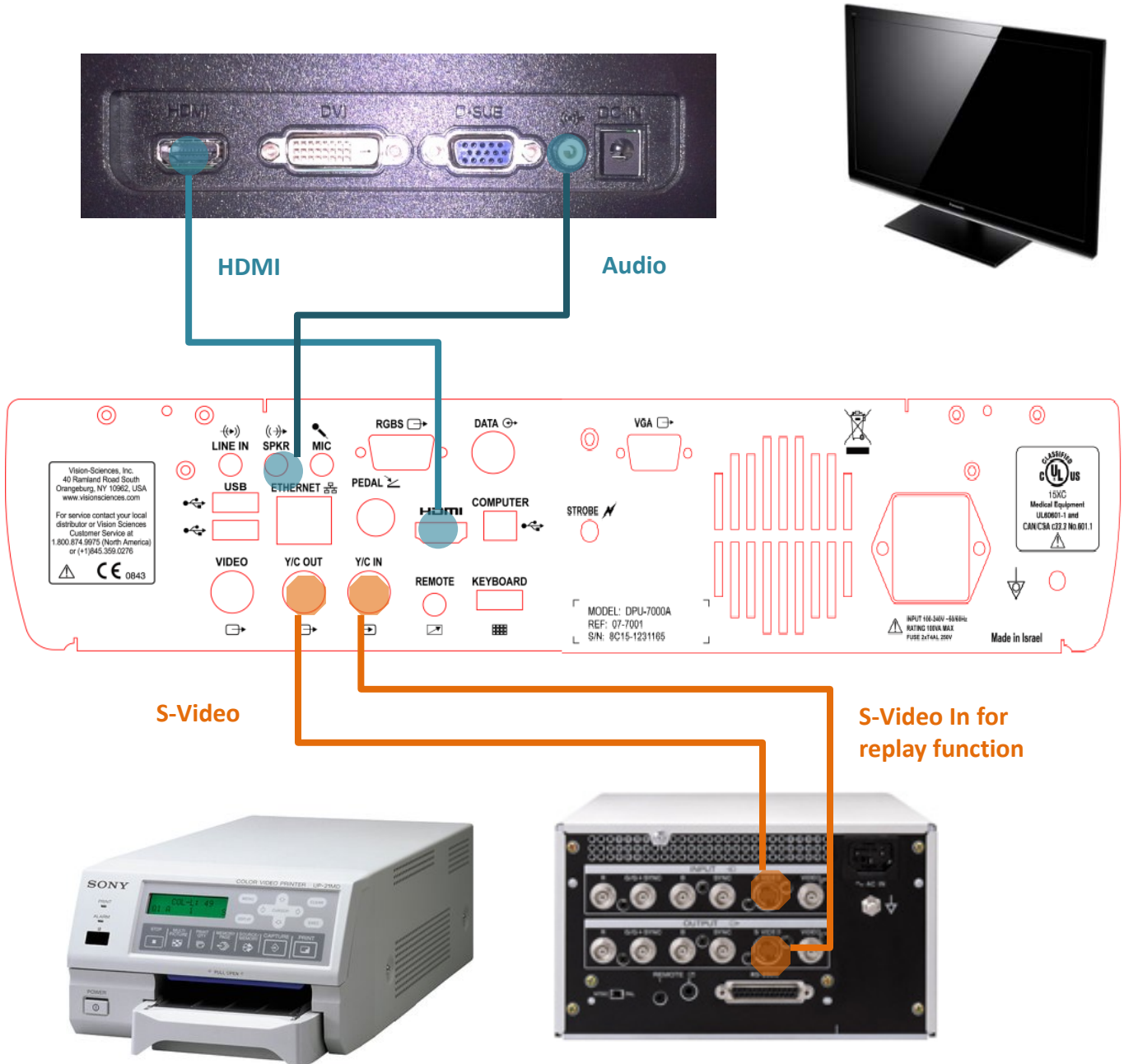
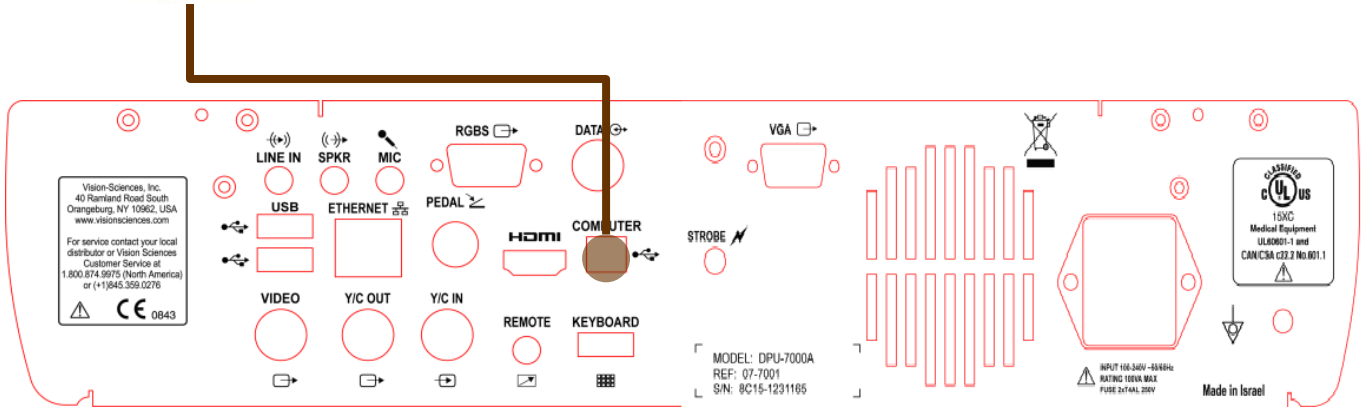

S-Video Input for replay function

Monitor – Connect with optional **HDMI cable** - "Provides the best picture quality", Audio is not supported through the HDMI port, a separate audio cable connection is needed

Video Printer – Connect with a **S-Video (Y/C) cable** - "Most convenient with good picture quality"

HDMI

Audio

S-Video

S-Video In for replay function

**USB Connection**

SD Card Reader

SD Card

When transferring images from the SD card to your computer, you must use an SD card reader if your computer does not have an SD card slot already embedded in the computer. Alternatively the files on the SD card may be accessed from a computer by connecting a USB Type A/B cable (catalog # 07-5022) from the computer's USB port to the COMPUTER port on the DPU-7000.
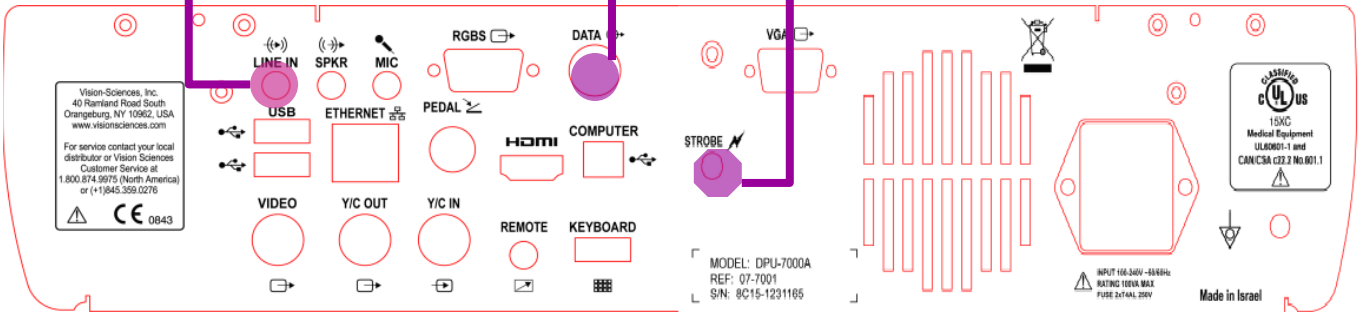
Microphone

Strobe Output Cable
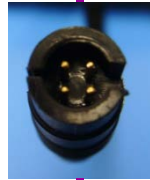
Strobe Audio Cable

Strobe Data Cable

Foot Pedal

NOTES

Cogentix Medical

Technical Support Line

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