

MINI AV2HDMI

Apple II Personal Computer

Owner's Manual



MINI AV2HDMI

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Customer Satisfaction

The ReActiveMicro MINI AV2HDMI comes with a one year replacement warranty to the original purchaser only.

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Convenience



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Blue Square for
Contents at a glance!

This manual is subject to change
without notice
to improve quality.

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Introduction

Thank you for purchasing this product from ReActiveMicro.

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product.

Keep this manual for future reference.

The ReActiveMicro Mini AV2HDMI UP Scaler is a analog composite video signal converter for the Apple II Personal Computer System.

The analog to digital conversion in this module employs 10 bits maximal 162MSPS sampling, black/white level expansion, color transition improvement, dynamic range expansion, blue stretch, auto-detect and auto-convert the composite signal to 1080p(60Hz) output.

Making your Apple II Personal Computer come alive, delivering a high quality visual image.

Standard Features

- Up-scales AV (Audio/Video) to HDMI 720P or 1080P.
- No need to install computer drivers, portable, flexible, plug and play.
- Advanced signal processing provides great precision, colors, resolution and details.
- Supports PAL, NTSC3.58, NTSC4.43, SECAM, PAL/M, PAL/N standard format input.
- Supports HDMI 1080P / 720P Display Devices, this product may or may not function correctly on a 4K or 3D display.



What's Included

- 1 MINI UP Scaler Main Unit
- 1 USB Power Cable
- 1 USB Power Converter
- 1 Left/Right Audio to Stereo Jack Cable
- 1 HDMI Cable
- 1 RCA Male to Male Cable

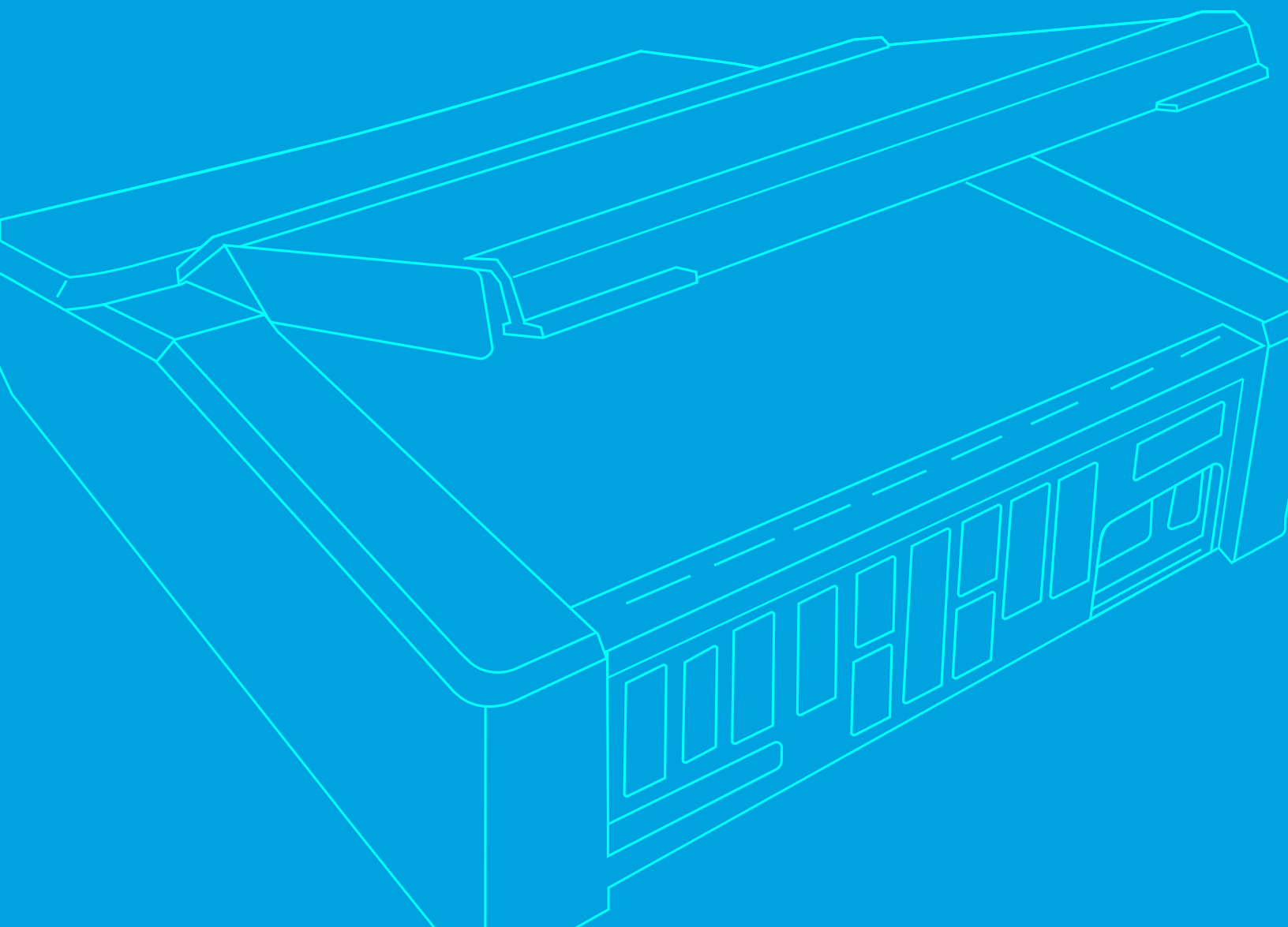


MINI Specifications

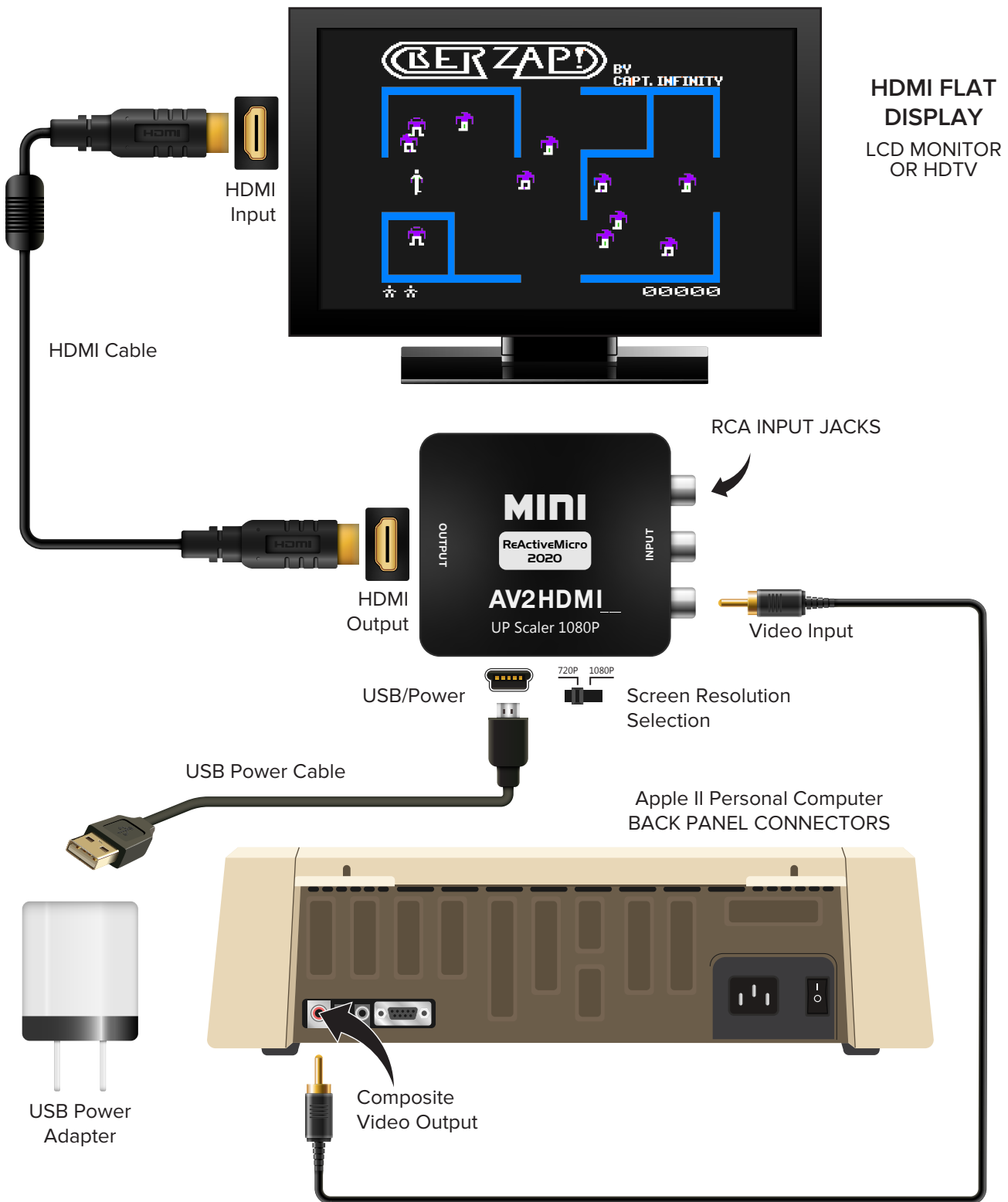
Signal Inputs	Apple II Composite Video and Sound Card Audio Signals
Output Signals	HDMI Signal
Dimensions(mm)	66(D) x 55(W) x 20(H)
Weight	40 (g)
Composite Input	PAL, NTSC3.58, NTSC4.43, SECAM, PAL/M ,PAL/N.
HDMI Output	1080p 60Hz, 720P 60Hz.
Limited Warranty	1 Year Parts and Labor.
Operating Temperature	0°C to +70°C
Operating Humidity	10% to 85% RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 90% RH (no condensation)
Power Supply	USB Power Cable
Power Consumption	5W (Max)
Converter Unit Certification	FCC, CE
Power Supply Certification	CE, FCC

Note: Specifications are subject to change without notice.

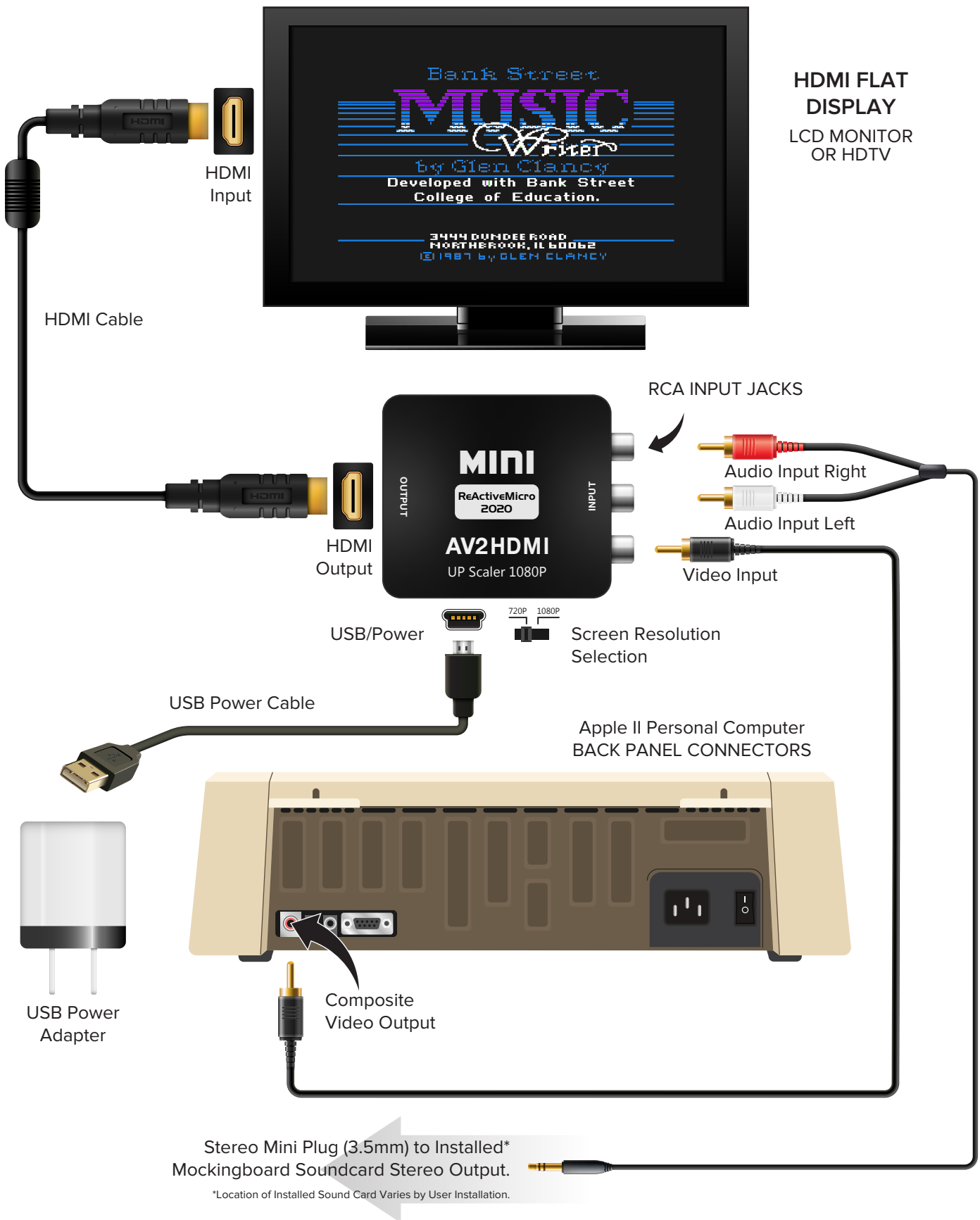
MINI AV2HDMI



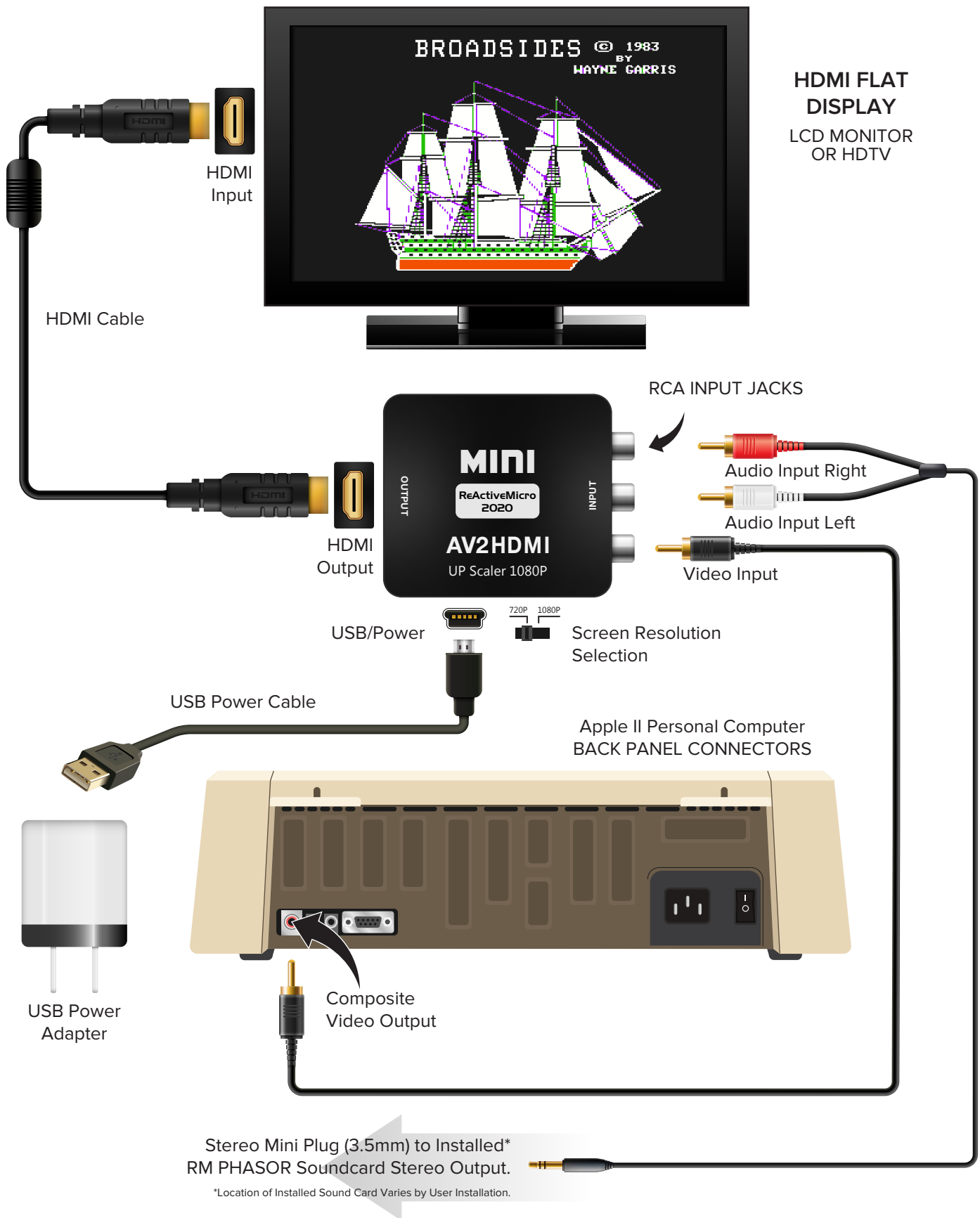
Video Setup Only



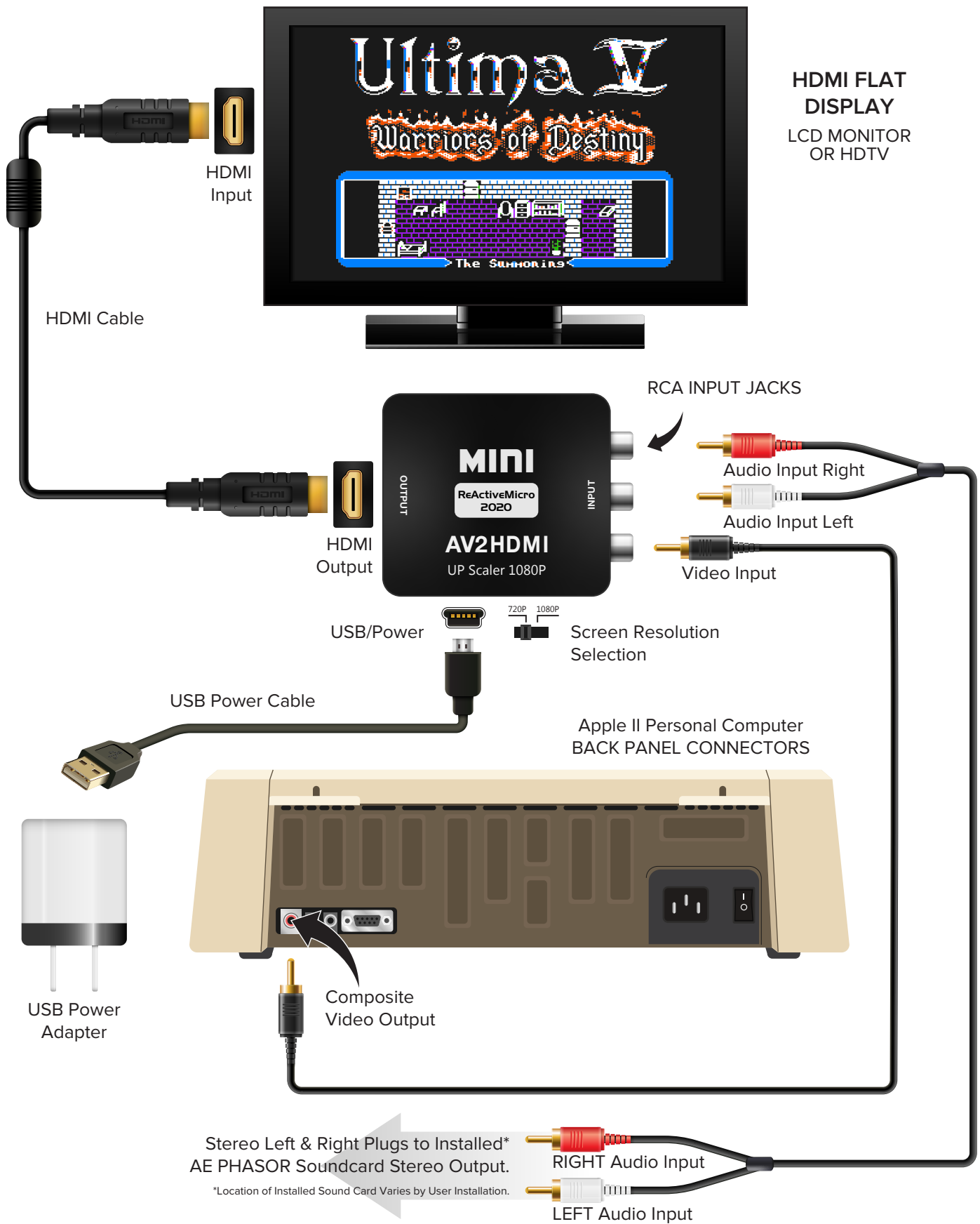
Video and Sound Setup - **MOCKINGBOARD**



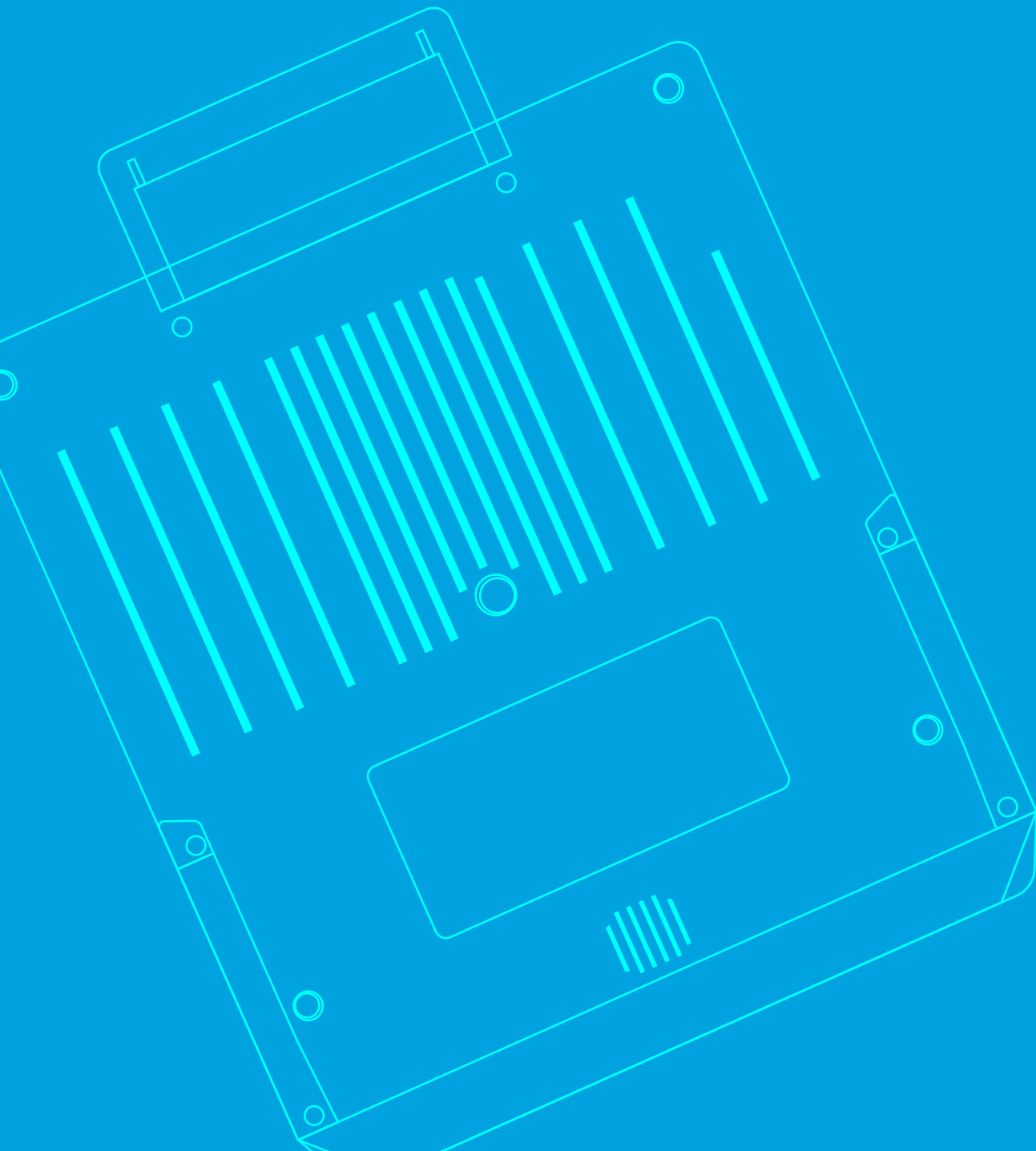
Video and Sound Setup - RM PHASOR



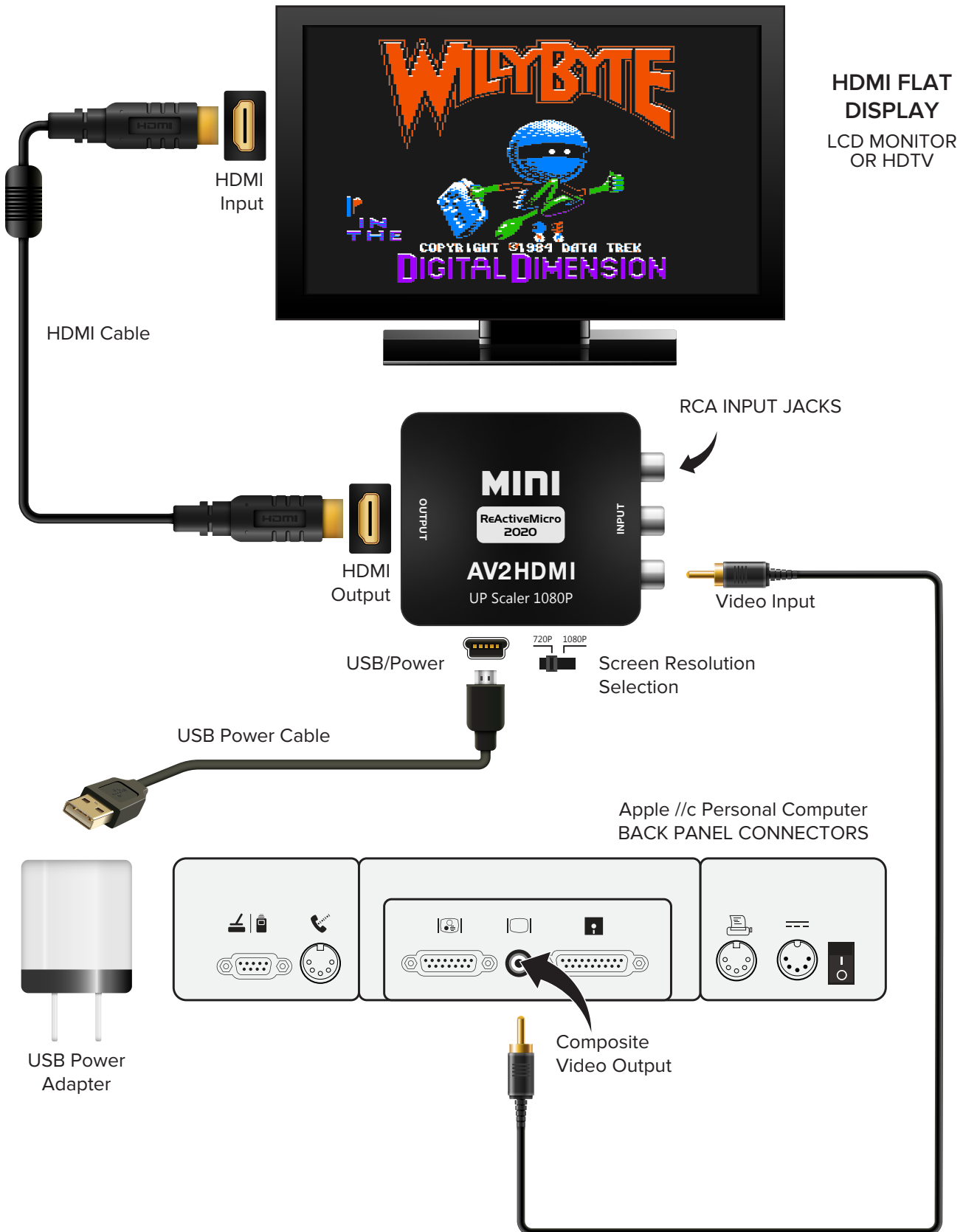
Video and Sound Setup - AE PHASOR



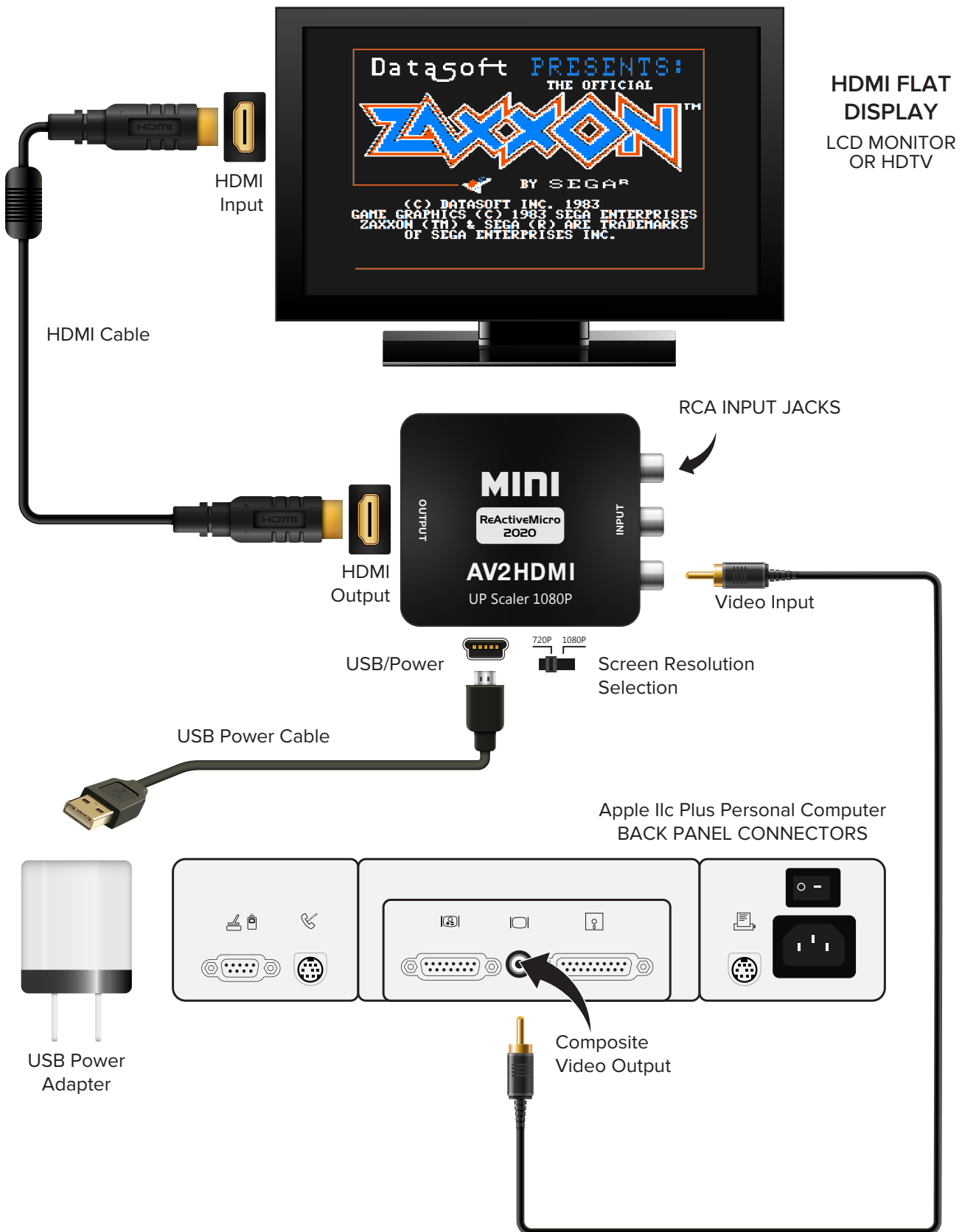
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Apple //c Video Setup

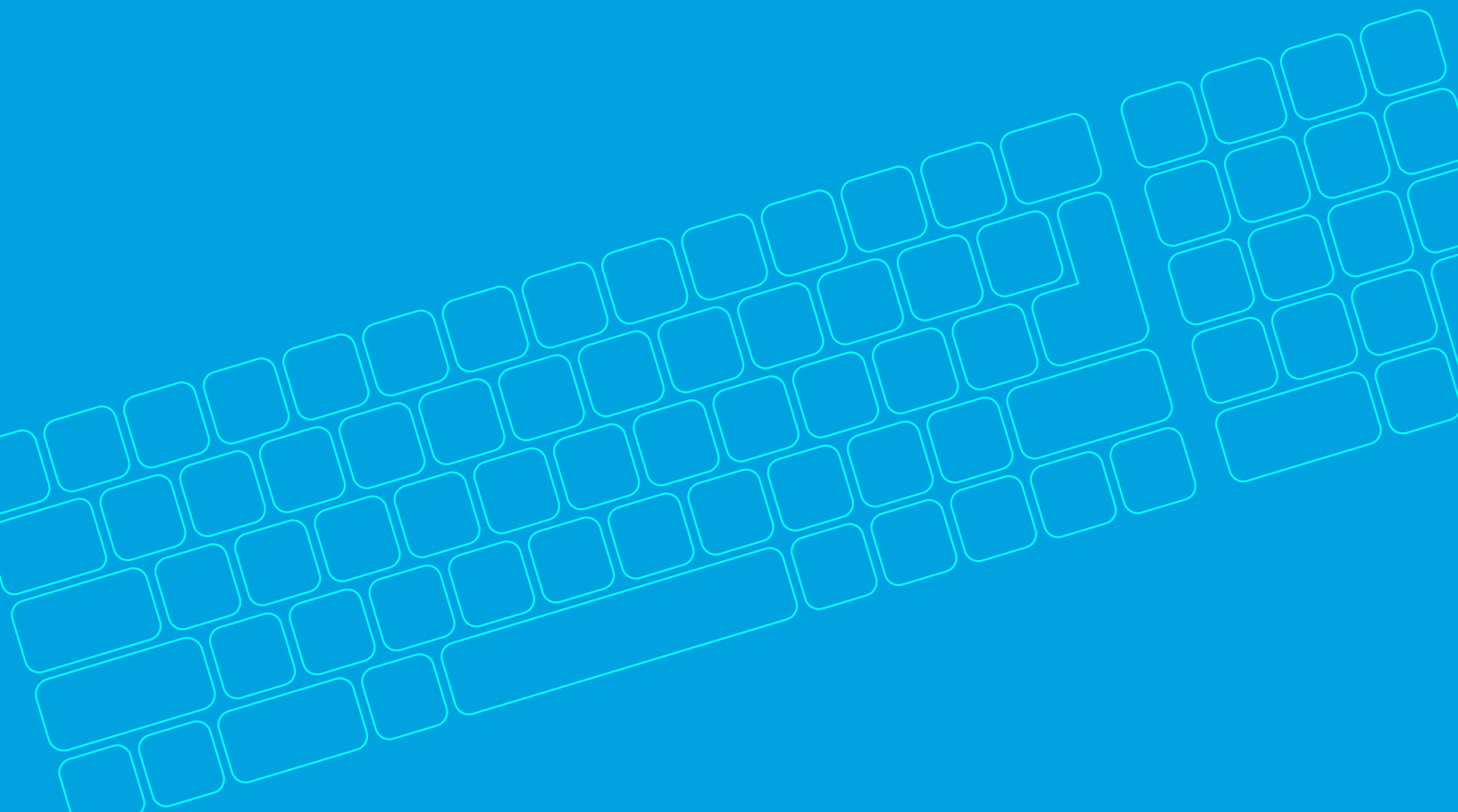


Apple IIc Plus Video Setup

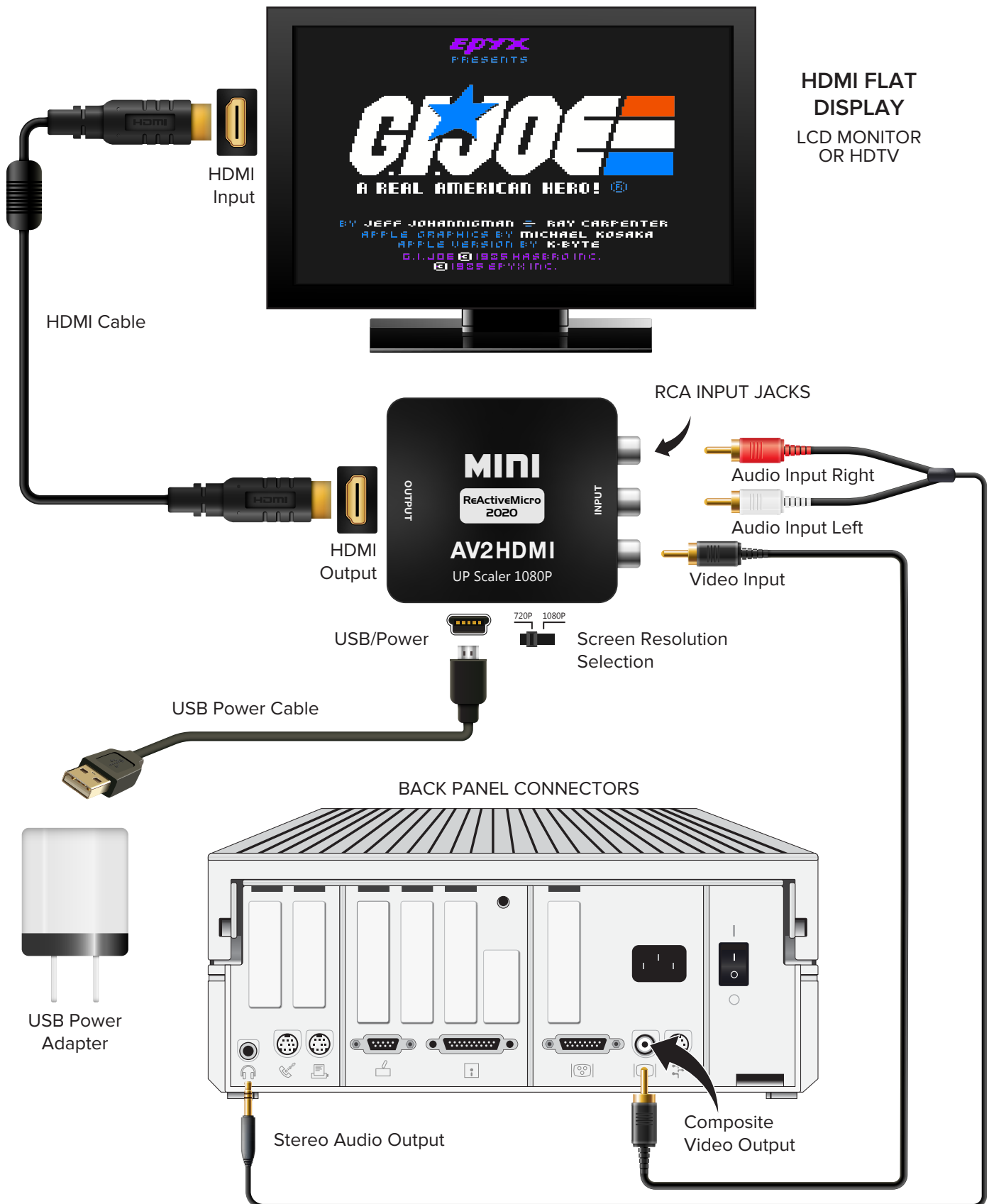


MINI AV2HDMI

Apple IIgs



Video and Sound Setup



Apple IIGS RGB VIDEO



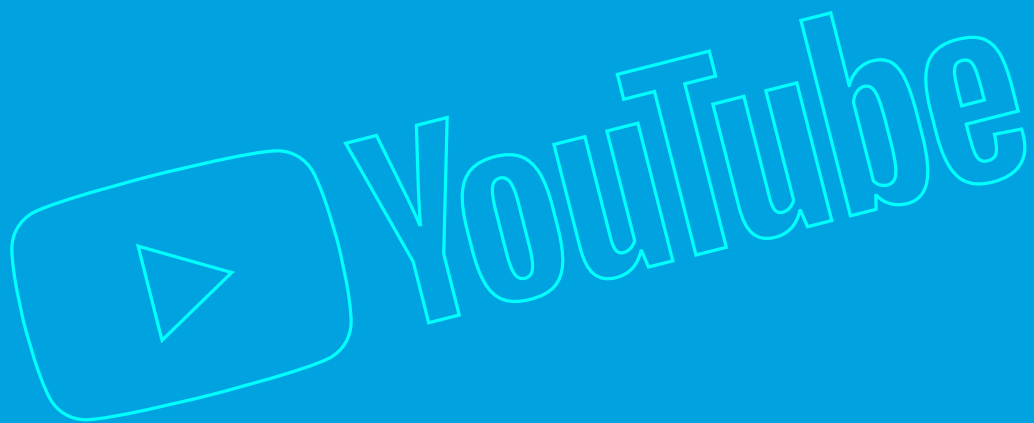
RGB...With the release of the Apple IIGS came with it many advanced features, one of them being RGB video output.

Super Hi-Res Graphics...The Apple IIGS has two new Super Hi-Resolution graphics modes, these new display modes are made to take advantage of the RGB video port.

The MINI AV2HDMI being offered as a very inexpensive composite video to HDMI video solution, the AV2HDMI is not recommended for those seeking the best possible video quality output from their Apple IIGS Personal Computer System.

ReActiveMicro

MINI AV2HDMI



October 7th, 2020

"Assembly Lines Podcast" posted a review of the ReActiveMicro 12-inch LCD Monitor. They did some good demos of games featuring the built in sound of of the monitor and some good demos of both the AV2HDMI Adapter and the LCD Display in real time with several text and video modes being shown.

 **YouTube**

September 17th, 2020

"Joe's Computer Museum" posted a review of the AV2HDMI hardware they were sent. Shown are some good screen images of test programs and how to properly connect the cables.

 **YouTube**

September 14th, 2020

"Jav Master" posted a review of hardware they were sent. They show some good screen images of various programs and how to connect the cables.

 **YouTube**

HDMI...High-Definition Multimedia Interface is a audio/video interface for transmitting uncompressed video data and compressed or uncompressed digital audio data from an HDMI compliant source device, such as a display controller, to a compatible computer monitor, video projector, digital television, or digital audio device.

LCD...Liquid-Crystal Display is a flat-panel display or other electronically modulated optical device that uses the light-modulating properties of liquid crystals combined with polarizers. Liquid crystals do not emit light directly, instead using a backlight or reflector to produce images in color or monochrome.

COMPOSITE...A video signal that includes both display information and the synchronization (and other) signals needed to display it.

RGB...Abbreviation for red-green-blue, a method of displaying color video by transmitting the three primary colors as three separate signals.







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