

TECHNICAL SPECIFICATIONS	
INPUTS	
HDMI (2)	Type A 19-Pin Female, Up to 1920x1080@60Hz
DVI-D (1)	DVI-D Female, Up to 1920x1080@60Hz
VGA (1)	DB15 Female, Up to 1920x1080@60Hz
COMPOSITE (1)	RCA CVBS, PAL, NTSC, SECAM
Y/Pb/Pr (1)	Up to 1080i
USB (1)	USB Type A; MPEG, H.264, RM/RMVB movie decode, JPEG, BMP, PNG, Picture decode and MPEG1/2, MP3 audio decode. Max Resolution 1280 X 720
OUTPUT	
HDMI	HDMI Type A 19-Pin Female
HDMI Output	Up to 1080P@60Hz
AUDIO	
Stereo Audio Input	3.5 mm input to the left of the DVI Port. Selected by the DVI button.
Stereo Audio Input	3.5 mm input Jack to the right of the VGA Port. Selected by the VGA button.
Stereo Audio Output	3.5 mm output Jack
CONTROL	
Front Panel	(8) Buttons
IR remote	IR remote control (Optional)
RS-232	DB9 Female, 9600, 8, N, 1, No Flow Control
OTHER	
Power	5VDC 4A
Operating Temp. Range	-5 to 35 C (-41 to +95 F)
Operating Humidity Range	50 to 90 % RH (No Condensation)
Dimensions	12" W x 2" H x 6.25" D
Weight	1 lb. 10 oz.

Smart-AVI
SMART AUDIO VIDEO INNOVATION

Smart-AVI
SMART AUDIO VIDEO INNOVATION

WHAT'S IN THE BOX?

PART NO.	QTY	DESCRIPTION
V2V-MAX 3	1	1080p Switch w Scaler
PS5VDC4A	1	Power Supply/Adapter
V2V-MXR	1	Remote Control (Optional)
	1	Quick Start Guide

NOTICE

The information contained in this document is subject to change without notice. SmartAVI makes no warranty of any kind with regard to this material, including but not limited to, implied warranties of merchantability and fitness for particular purpose.

SmartAVI will not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance or use of this material.

No part of this document may be photocopied, reproduced, or translated into another language without prior written consent from SmartAVI Technologies, Inc.

20160714



Designed and Manufactured in the USA

800.AVI.2131

Tel: (818) 503-6200 Fax: (818) 503-6208
11651 Vanowen St. North Hollywood, CA 91605

SmartAVI.com

V2V-MAX 3

**Full 1080P HD Automatic Switcher
with Integrated Scaler**



**DVI, VGA, Composite, USB,
Y/Pb/Pr, HDMI, Stereo Audio
Converter, Scaler and Automatic
Switcher**

User Manual

CONNECTING THE V2V-MAX3

1. Power off all devices.
2. Connect all sources to the input ports.
3. Optionally connect RS-232 for control functions.
4. Connect power to the V2V-MAX 3.
5. Power on all other devices.

RS-232 COMMANDS

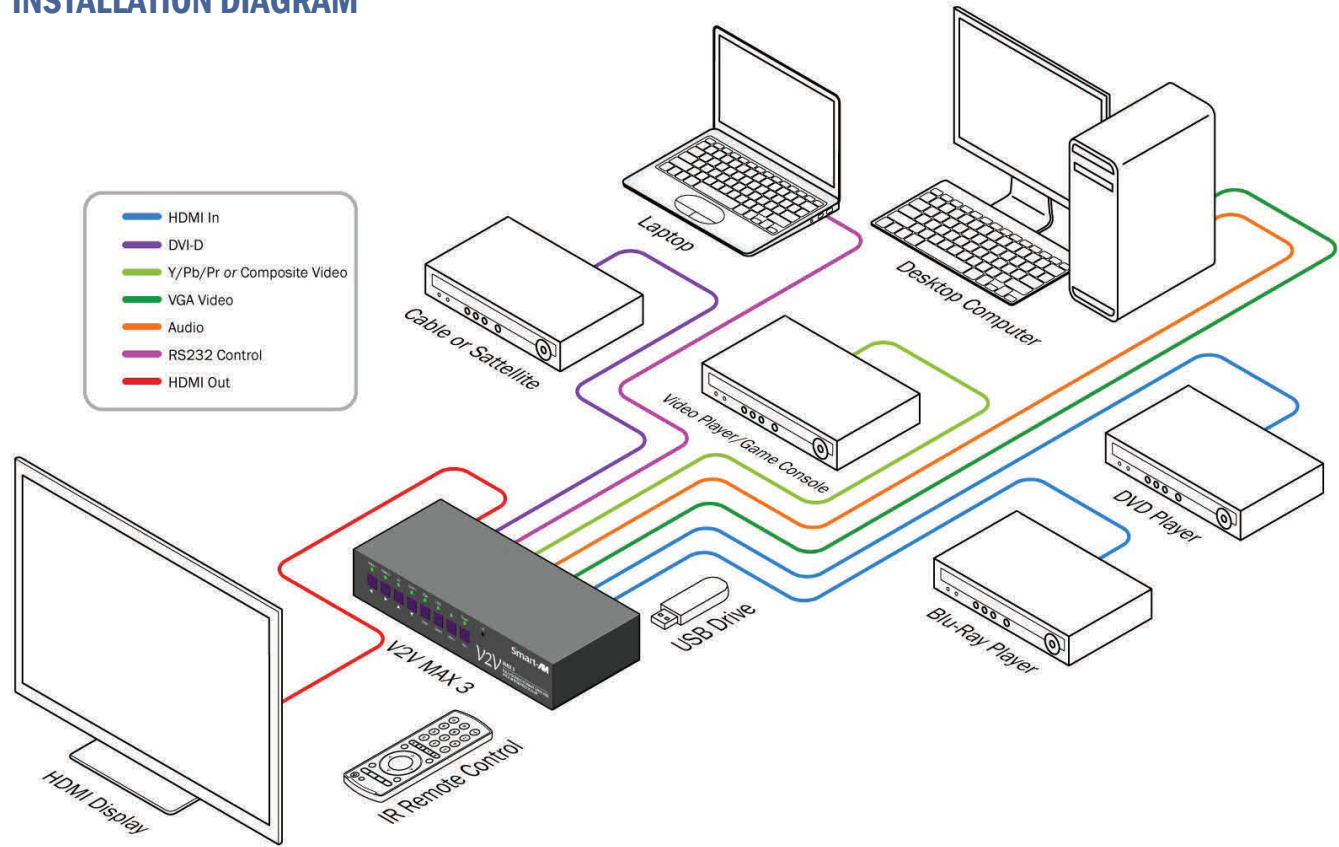
COM Port Setting: 9600,N,8,1,No flow control

Commands are case sensitive

<CR> represents Carriage Return or enter key

BUTTON	DESCRIPTION
//?<CR>	Help (List of Commands)
//H1<CR>	Select HDMI 1 Input
//H2<CR>	Select HDMI 2 Input
//DV<CR>	Select DVI Input
//VG<CR>	Select VGA Input
//AV<CR>	Select AV Input
//YB<CR>	Select Component Input
//US<CR>	Select USB Input
//E0<CR>	Echo off
//E1<CR>	Echo on
//MU<CR>	Picture Adjustment Menu
//B<CR>	Boot
//RT<CR>	Navigate Right
//LF<CR>	Navigate Left
//EN<CR>	Enter
//UP<CR>	Navigate Up
//DN<CR>	Navigate Down
//BK<CR>	Back
//PL<CR>	Play/Pause
//ST<CR>	Stop
//VU<CR>	Volume Up
//VD<CR>	Volume Down
//QF<CR>	Query Firmware version
//QM<CR>	Query current Mode
//AO<CR>	Enable Auto-Detect
//AF<CR>	Disable Auto-Detect

INSTALLATION DIAGRAM



IR REMOTE CONTROL

BUTTON	DESCRIPTION
USB	Select USB Input
VGA	Select VGA Input
DVI	Select DVI Input
HDMI	Select between the two HDMI Inputs
AV	Select AV Input
Menu	Picture Adjustment Menu
Up Arrow ▲	Volume Up
Down Arrow ▼	Volume Down
Left Arrow ◀	USB Mode Left
Right Arrow ▶	USB Mode Right
Center Button ■	USB Mode Enter
Back	USB Mode Back
Mute	Mute
Play	USB Mode Play
Stop	USB Mode Stop
Enter	USB Mode Enter

FRONT PANEL CONTROLS

BUTTON	DESCRIPTION	USB Mode
HDMI 1	Select HDMI 1 Input	Left
HDMI 2	Select HDMI 2 Input	Right
DVI	Select DVI Input	Up
VGA	Select VGA Input	Down
COMPONENT	Select Composite Input	Enter
AV	Select Y/Pb/Pr Input	Back
USB	Select USB Mode	Exit USB Mode
▶/		Play / Pause

The image shows the front panel of the V2V-MAX3 device with indicator lights for each input type: HDMI 1, HDMI 2, DVI, VGA, COMPONENT, AV, and USB. The USB mode buttons (Left, Right, Enter, Back, Play/Pause) are also visible.