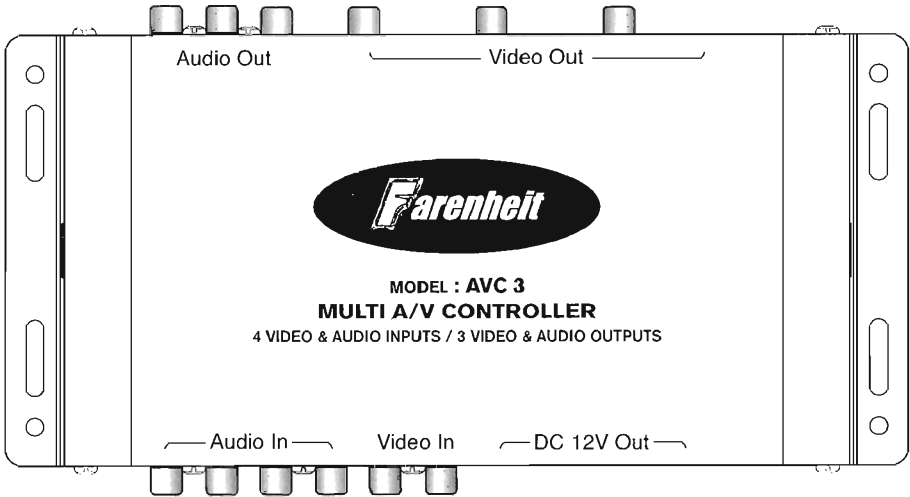


# INSTRUCTION MANUAL

## AVC 3



*Multi A/V Controller*

# TABLE OF CONTENTS

<b>1. INTRODUCTION</b>	2
<b>2. FEATURE</b>	2
<b>3. FUNCTION</b>	
- INPUT SIDE	3
- OUTPUT SIDE	4
- REMOTE CONTROLLER	4
<b>4. APPLICATION</b>	
- SIGNAL APPLICATION	5
- PARALLEL APPLICATION	6
<b>5. SPECIFICATION</b>	7
<b>6. DIMENSION</b>	7

## 1. INTRODUCTION

Thank you for your purchase of the Multi A/V Controller AVC 3.

This model is designed to collect 4 different A/V sources and distribute to 3 different output.

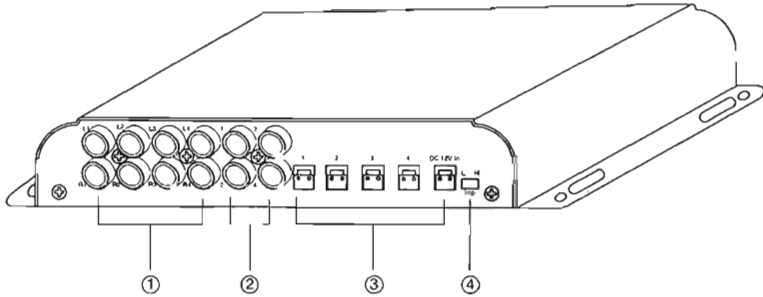
Please read instructions before installation. Since the quality of installation may affect the performance and reliability of your Multi A/V Controller.

## 2. FEATURE

- 4 VIDEO & AUDIO INPUTS
- 3 VIDEO & AUDIO OUTPUTS  
3 AV OUTPUTS CAN SELECT INPUT SIGNALS INDEPENDENTLY.
- PARALLEL APPLICATION FOR 60 AV OUTPUTS  
MAXIMUM 20 PIECES CAN BE PARALLELED.
- WIDE OPERATING POWER RANGE "11V ~ 30V"

### 3. FUNCTION

#### \* INPUT SIDE \*



① **Audio in : RCA jack for Audio input**

② **Video in : RCA jack for Video input**

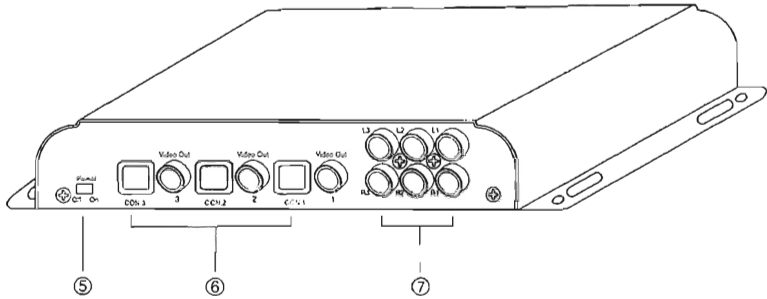
③ **Power Connector :**

- DC 12V In : Use this connector if you use only one distributor.
- DC 12V Out : When use two or more distributors, you can use DC 12V Out, 1~4 power connector

④ **Impedance Selecting Switch**

For parallel application, "Imp" of first or last AVC 3 must be switched to "L" and "Imp" of others AVC 3 must be set at "H"

**\* OUTPUT SIDE \***



**⑤ Power On/Off :**

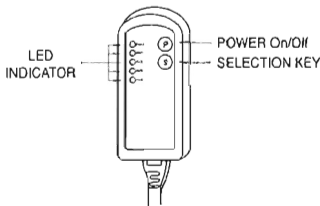
If power switch is set at "On", you can't control power on/off button by remote control.  
When the power switch is set at "Off", you can control power on/off by remote control.

**⑥ Video Out :**

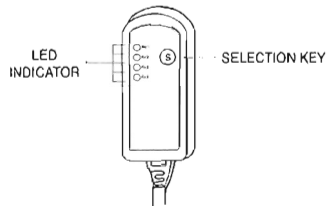
- RCA Jack for Video out.
- CON. 1~3 for remote control.

**⑦ Audio Out : RCA Jack for Audio output**

**\* REMOTE CONTROLLER \***



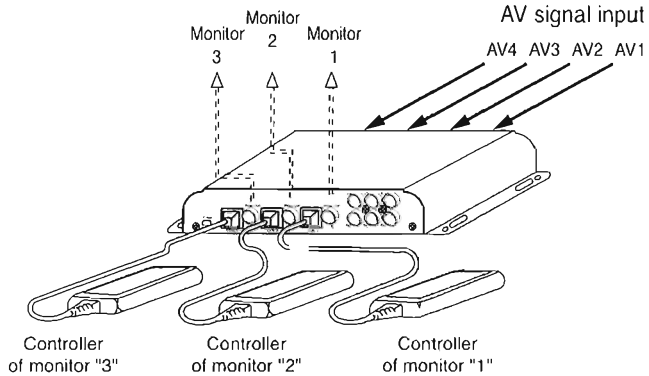
Connect this controller to CON. 1 (8 pin jack)



Connect those two controllers to CON. 2 and CON. 3 (6 pin jack)

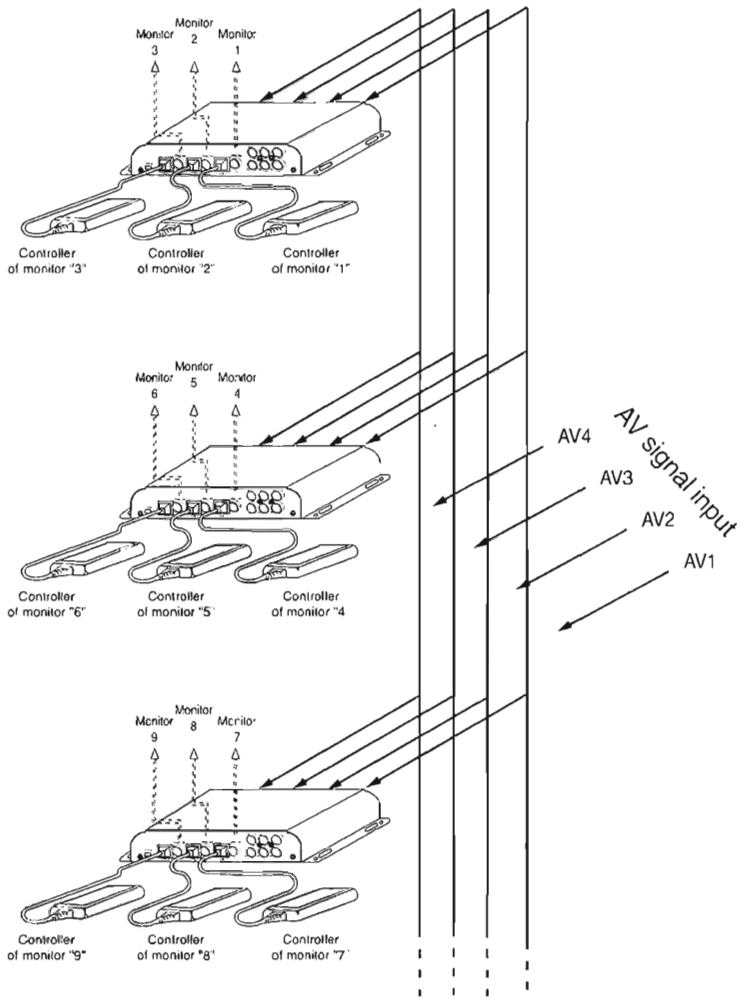
## 4. APPLICATION

\* SINGLE APPLICATION \*



- Note**
- (1) "Imp" must be set at "L"
  - (2) Switcher with power key must be connected to "CON. 1"  
Power key will be no function if this switcher is connected to "CON. 2" or "CON. 3"
  - (3) Switcher connecting to "CON. 1" can control power on/off of AVC 3 if power switch is set at "Off". Otherwise, power key of this switcher can't control power on/off and, AVC 3 will be always power on if power switch is set at "On"

\* PARALLEL APPLICATION \*



- Note** (1) Maximum 20 pieces can be paralleled. Therefore, maximum 60 AV outputs are allowed.
- (2) For parallel application, "Imp" of first or last AVC 3 must be switched to "L" and "Imp" of others AVC 3 must be set at "H"

## 5. SPECIFICATION

POWER SOURCE	DC 12V / 24V
RANGE OF OPERATING VOLTAGE	DC 11V ~ 30V
POWER CONSUMPTION	3.5 W max.
VIDEO BAND WIDTH	10 MHz
AUDIO BAND WIDTH	15 KHz
IMPEDANCE OF VIDEO INPUT	75 OHM
IMPEDANCE OF AUDIO INPUT	8.2K OHM
OPERATING TEMPERATURE	-5 ℃ ~ 60 ℃
STORAGE TEMPERATURE	-30 ℃ ~ 80 ℃
OPERATING HUMIDITY	85% RH
STORAGE HUMIDITY	85% RH
DC OUTPUT	3 A max. (Sum of 3 outputs) 1030 + 20g

## 6. DIMENSION

