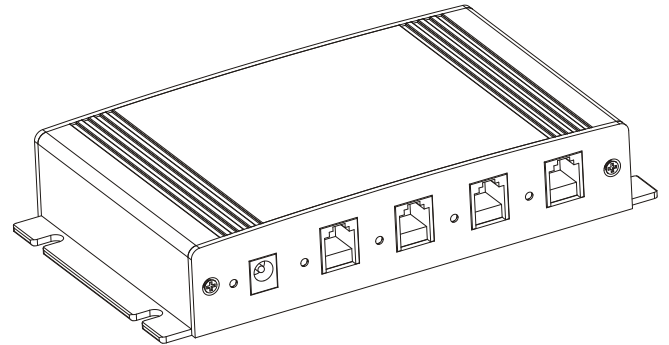


REVO SYSTEM LINE AMPLIFIER

R4CH12VAMP



Revo System Line Amplifier



PRINTED IN KOREA

50302420B

Please read this manual thoroughly before use, and keep it handy for future reference.

FEATURES

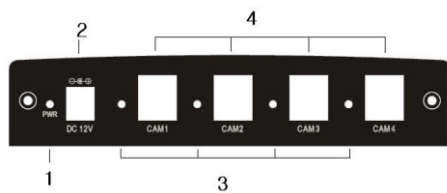
The R4CH12VAMP Line Amplifier allows you to transmit video signals over 300ft distances by amplifying the video signal from the camera to the DVR.

Please read the following instructions to correctly set up your line amplifier.

- Camera signal Checker LED
- Line DC Voltage Checker LED
- 300ft Video & Camera DC Power AMP

OPERATING INSTRUCTION

Front)



1. LED

A green indicator lights when the power is ON

2. DC JACK

Place the plug from the supplied table-top power supply into the DC 12V connector.

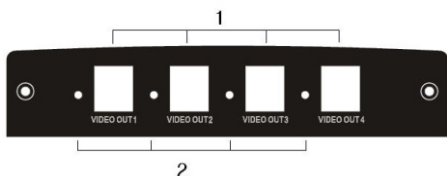
3. Video Signal Checker LED

The LED illuminates "Green" when there is an input Video signal (From camera)

4. Camera INPUT

Four cameras can be connected to the AMP using the RJ-11 connections labeled CAM1, CAM2, CAM3 and CAM4.

Rear)



1. Video OUT

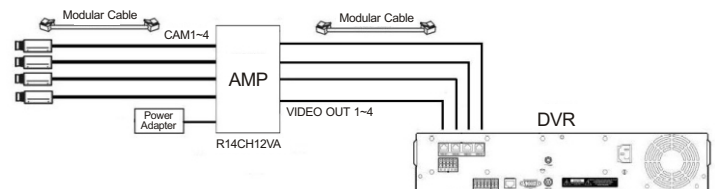
The RJ-11 DVR connector is used to connect a DVR to the Camera for recording

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The LED illuminates "Green" when there is an input 12Vdc Power (From DVR)

CONNECTIONS

The R4CH12VAMP is a 4-channel audio/video interface permitting connection from up to four modular 6-pin type (RJ-11) cameras directly to a 4-channel digital video recorder (DVR). The interface provides breakout of the RJ-11 video, audio and power to separate connections.



Supplied item

- AMP
- Power supply unit (DC 12V) / Power cord
- Operating instructions manual

SPECIFICATION

No.	ITEM	SPECIFICATION	
1	Video Mode	NTSC & PAL	
2	Power Requirement	AC110 ~ 230V, 50/60Hz±1Hz, Free Voltage (110Vac 0.22A/ 230Vac 0.14A)	
3	Power Consumption	12V 0.9A max (4 Camera IR Active)	
4	Input Signal	Composite Video Signal (from Camera)	
5	Video Amplifier (Gain Fixed AMP)	INPUT	Weak Signal 0.9Vp-p (used 300ft cable)
		OUTPUT	1 Vp-p
6	Impedance	INPUT	75 ohm
		OUTPUT	75 ohm
7	Input Signal	Connector	RJ-11 x 4
		Checker source	Video Sync (Green Light)
8	Output Signal	Connector	RJ-11 x 4
		Checker source	DC Voltage (Green Light)
9	User Controls	Front	CA1-4 Jack (LED x 4) / DC Power Jack (LED)
		Rear	Video 1-4 Jack (LED x 4)
10	Maximum Wiring Distance	90m (300 ft.) for Multi Cable	
11	Ambient Temperature	Storage/Transport	-30°C to + 70°C (-22°F~158°F)
		Operating	-10°C to + 45°C (14°F~113°F)
12	Ambient Humidity	95%	
13	Weight	0.35 kg	
14	Dimensions	Net	166(W) × 30(H) × 92.2(D)mm
		Packing	275(W) × 55(H) × 240(D)mm

FCC COMPLIANCE STATEMENT

FCC INFORMATION : THIS EQUIPMENT HAS BEEN TESTED AND FOUND TO COMPLY WITH THE LIMITS FOR A CLASS A DIGITAL DEVICE, PURSUANT TO PART 15 OF THE FCC RULES. THESE LIMITS ARE DESIGNED TO PROVIDE REASONABLE PROTECTION AGAINST HARMFUL INTERFERENCE WHEN THE EQUIPMENT IS OPERATED IN A COMMERCIAL ENVIRONMENT. THIS EQUIPMENT GENERATES, USES, AND CAN RADIATE RADIO FREQUENCY ENERGY AND IF NOT INSTALLED AND USED IN ACCORDANCE WITH THE INSTRUCTION MANUAL, MAY CAUSE HARMFUL INTERFERENCE TO RADIO COMMUNICATIONS. OPERATION OF THIS EQUIPMENT IN A RESIDENTIAL AREA IS LIKELY TO CAUSE HARMFUL INTERFERENCE IN WHICH CASE THE USER WILL BE REQUIRED TO CORRECT THE INTERFERENCE AT HIS OWN EXPENSE.

CAUTION : CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE MANUFACTURER COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

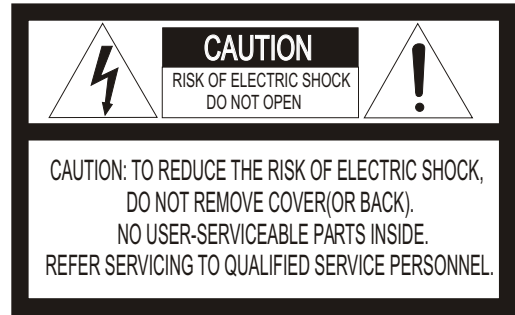
THIS CLASS A DIGITAL APPARATUS COMPLIES WITH CANADIAN ICES-003.

CET APPAREIL NUMÉRIQUE DE LA CLASSE A EST CONFORME À LA NORME NMB-003 DU CANADA.

WARNINGS AND CAUTIONS

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE. DO NOT INSERT ANY METALLIC OBJECTS THROUGH THE VENTILATION GRILLS OR OTHER OPENINGS ON THE EQUIPMENT.

CAUTION



EXPLANATION OF GRAPHICAL SYMBOLS



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

PRECAUTIONS

Safety

Should any liquid or solid object fall into the cabinet, unplug the unit and have it checked by the qualified personnel before operating it any further.

Unplug the unit from the wall outlet if it is not going to be used for several days or more. To disconnect the cord, pull it out by the plug. Never pull the cord itself.

Allow adequate air circulation to prevent internal heat build-up. Do not place the unit on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.

Height and vertical linearity controls located at the rear panel are for special adjustments by qualified personnel only.

Installation

Do not install the unit in an extremely hot or humid place or in a place subject to excessive dust, mechanical vibration.

The unit is not designed to be waterproof. Exposure to rain or water may damage the unit.

Cleaning

Clean the unit with a slightly damp soft cloth. Use a mild household detergent. Never use strong solvents such as thinner or benzene as they might damage the finish of the unit.

Retain the original carton and packing materials for safe transport of this unit in the future.

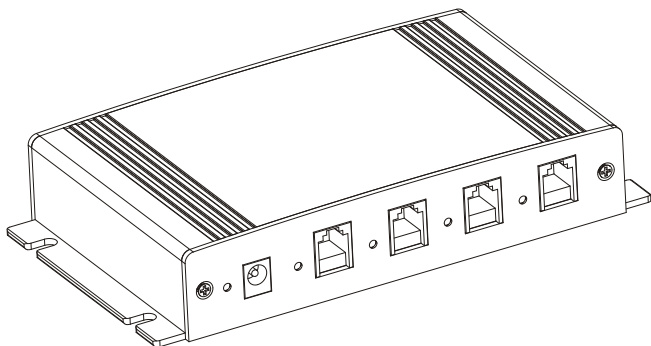
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- 6. ATTACHMENTS** Do not use attachments not recommended by the product manufacturer as they may result in the risk of fire, electric shock, or injury to persons.
- 7. WATER AND MOISTURE** Do not use this unit near water or in an unprotected outdoor installation, or any area which is classified as a wet location.
- 8. ACCESSORIES** Do not place this product on an unstable cart, stand, tripod, bracket, or table. The product may fall, causing serious injury to a child or adult and serious damage to the equipment. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the product. Any mounting of the product should follow the manufacturer's instructions and should use a mounting accessory recommended by the manufacturer. Wall or shelf mounting should follow the manufacturer's instructions and should use a mounting kit approved by the manufacturer.
- 9.** A product and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the product and cart combination to overturn.
- 10. VENTILATION** Slots and openings in the cabinet and the back or bottom are provided for ventilation and to ensure reliable operation of the equipment and to protect it from overheating. These openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or other similar surface. Equipment should never be placed near or over a radiator or heat register. This product should not be placed in a built-in installation, such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
- 11. POWER SOURCES** This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your product dealer or local power company. For products designed to operate from battery power or other sources, refer to the operating instructions.
- 12. GROUNDING OR POLARIZATION** The power supply supplied with this unit may be equipped with a polarized alternating-current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug. Alternately, this unit may be equipped with a 3-wire grounding-type plug, a plug having a third (grounding) pin. This plug will only fit into a grounding-type power outlet. This is a safety feature. If you are unable to insert the plug into the outlet, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the grounding-type plug.
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MEMO

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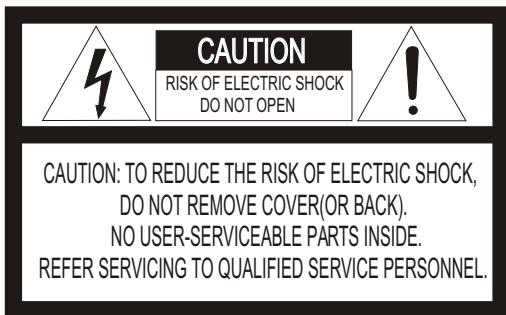
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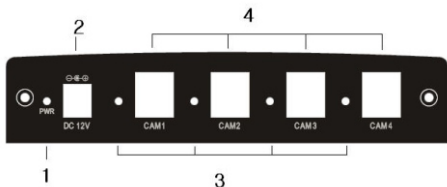
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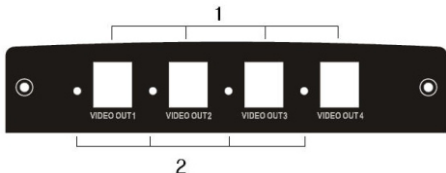
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Four cameras can be connected to the AMP using the RJ-11 connections labeled CAM1, CAM2, CAM3 and CAM4.

Rear)



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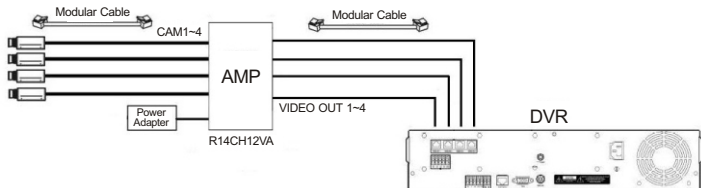
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Supplied item

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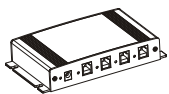
Power supply unit (DC 12V) / Power cord

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