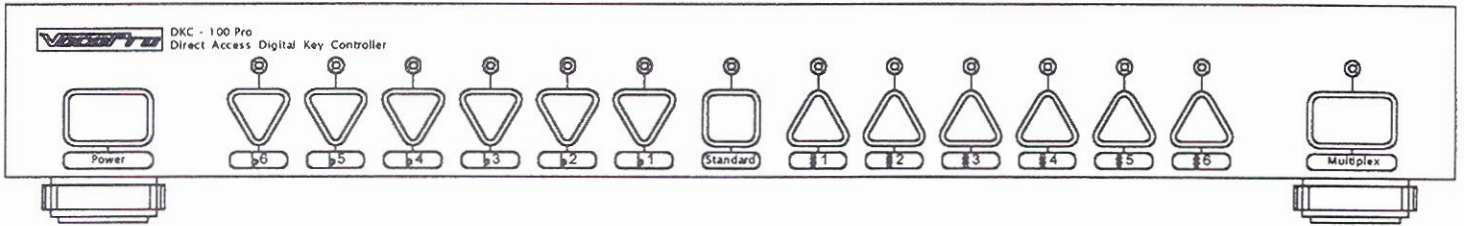


VocoPro

DKC-100 Pro



DIGITAL KEY CONTROLLER

Owner's Manual

Thank you for purchasing this unit. To make full and effective use of this unit, please read this User's Guide carefully before operating.

After reading, retain this booklet together with the Warranty Card for future use in case of difficulty or trouble.

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

**CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK)
NO USER-SERVICEABLE PARTS INSIDE
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL**

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 operation and maintenance (servicing) instructions in the literature accompanying the appliance.

WARNING

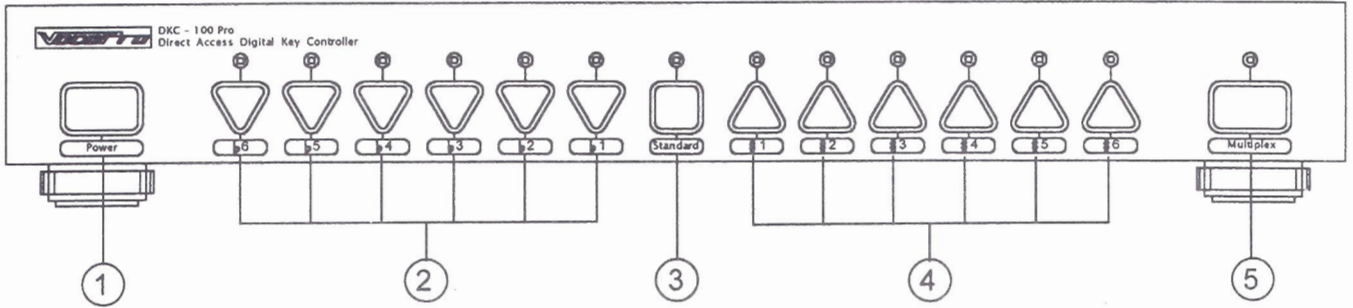
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK,
DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION: TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD. RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

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FRONT PANEL



1.POWER SWITCH

PRESS THIS SWITCH ONCE TO TURN ON THE POWER,
PRESS AGAIN TO TURN OFF THE POWER.

2.KEY DOWN BUTTONS

WILL CHANGE KEY DOWN HALF STEP SEQUENTIALY -1/-6

3.NEUTRAL KEY BUTTON

PRESS THIS BUTTON TO GO BACK TO NORMAL KEY ANYTIME DURING KEY CHANG-
ING.

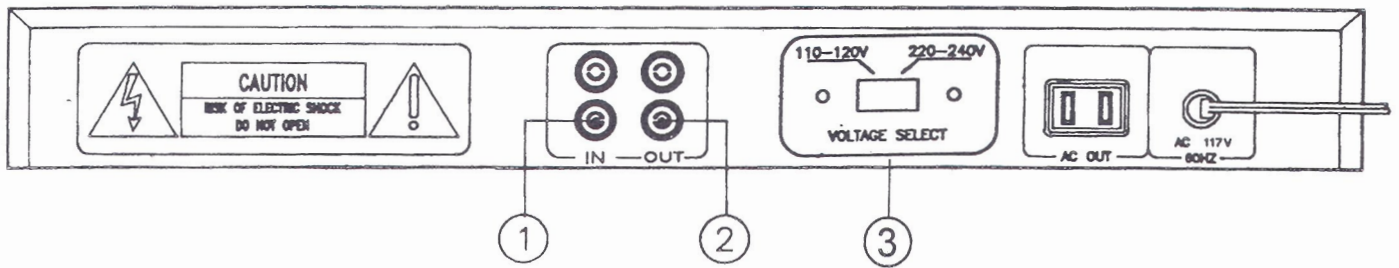
4.KEY UP BUTTONS

WILL CHANGE KEY UP HALF STEP SEQUENTIALY +1/+6

5. MULTIPLEX

USE THIS MODE TO CANCEL THE VOCAL ON SPECIAL PRERECORDED MULTI
AUDIO TAPE.

REAR PANEL



1.INPUT JACKS

-CONNECT TO THE OUTPUT JACKS OF CORRESPONDING PLAYERS.

2.OUTPUT JACKS

-CONNECT TO AUDIO INPUT OF THE AMPLIFIER.

3.110-120V/220-240V VOLTAGE SELECTOR

USE THIS TO SWITCH BETWEEN DIFFERENT POWER REQUIREMENT

(USE 110-120V FOR U.S SYSTEMS USE 220-240V FOR EUROPEAN SYSTEMS)

SPECIFICATIONS

AUDIO INPUT.....(AT 1KHZ) 150MV/50K Ω
AUDIO OUTPUT.....>150MV
FREQUENCY RESPONSE.....20HZ~18KHZ \pm 3db
KEY CONTROL RANGE.....+6/-6 KEY (13 POSITIONS)
SIGNAL/NOISE RATIO.....>50db
POWER REQUIREMENTS.....AC110-120V~220-240V 60HZ
POWER CONSUMPTIONS.....3.5 WATT

TROUBLESHOOTING

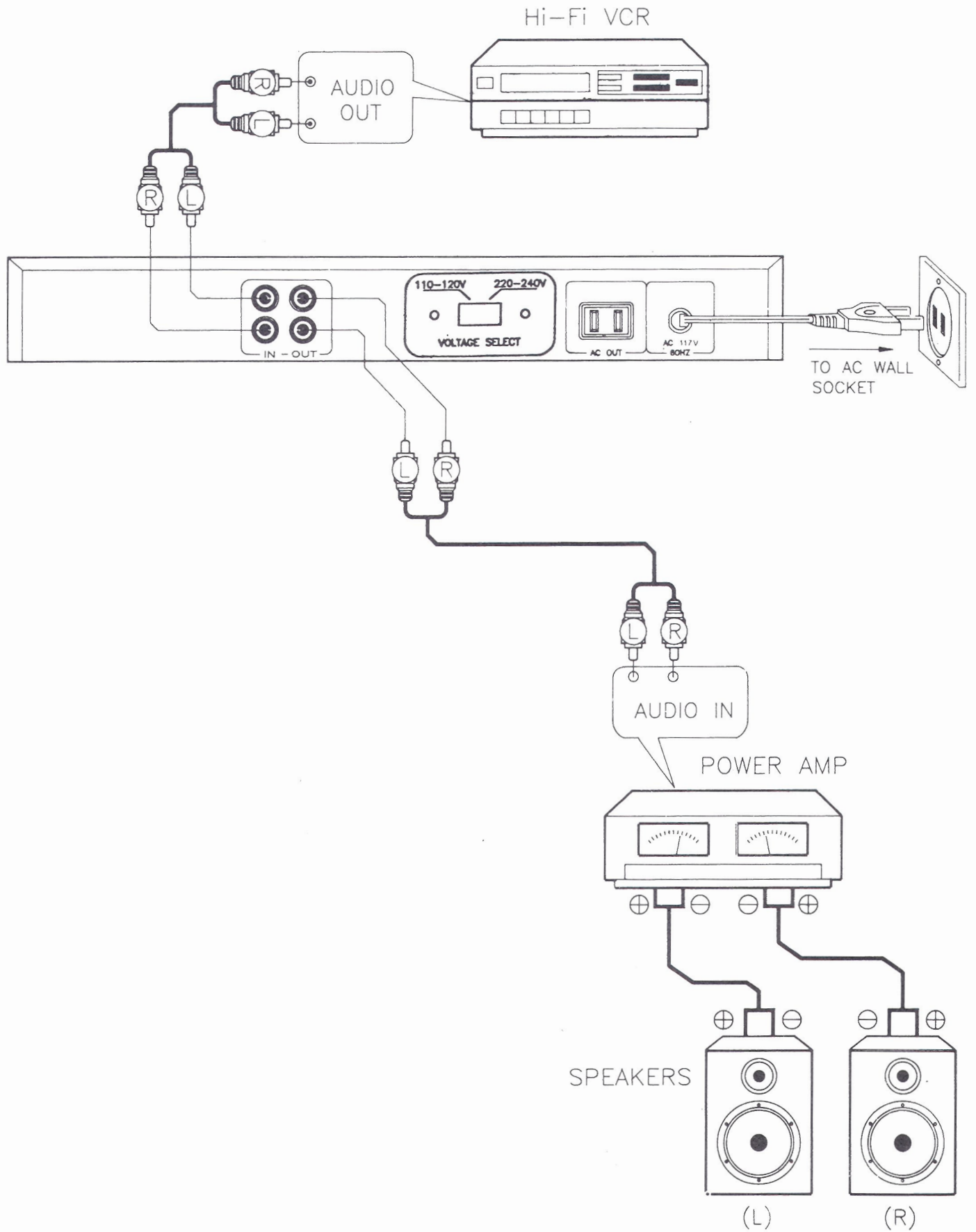
INCORRECT OPERATIONS ARE OFTEN MISTAKEN FOR TROUBLE AND MALFUNCTIONS.

IF YOU THINK THAT THERE IS SOMETHING WRONG WITH THIS COMPONENT, CHECK THE POINTS BELOW. SOMETIMES THE TROUBLE MAY LIE IN ANOTHER COMPONENT. INVESTIGATE THE OTHER COMPONENTS AND ELECTRICAL APPLIANCES BEING USED. IF THE TROUBLE CANNOT BE RECTIFIED EVEN AFTER EXERCISING THE CHECKS LISTED BELOW, ASK YOUR AUTHORIZED SERVICE CENTER OR YOUR DEALER TO CARRY OUT REPAIR WORK.

TROUBLESHOOTING

SYMPTON (S)	POSSIBLE CAUSE (S)
NO POWER	-NOT PLUGGED IN -POWER BUTTON NOT TURN "ON"
KEY CONTROL DOES NOT RESPOND TO KEY UP OR DOWN CHANGES.	-INPUT AND OUTPUT OF KEY CONTROLLER IS HOOK UP INCORRECTLY
NO SOUND AT ALL	AMPLIFIER IS NOT SWITCH TO THE INPUT OF THE KEY CONTROLLER

CONNECTIONS



IMPORTANT SAFEGUARDS

Please read all of the safety and operating instructions before operating this unit. For best result, follow all warnings placed on the unit and adhere to the operating and use instructions. THESE safety and operating instructions should be retained for future reference.

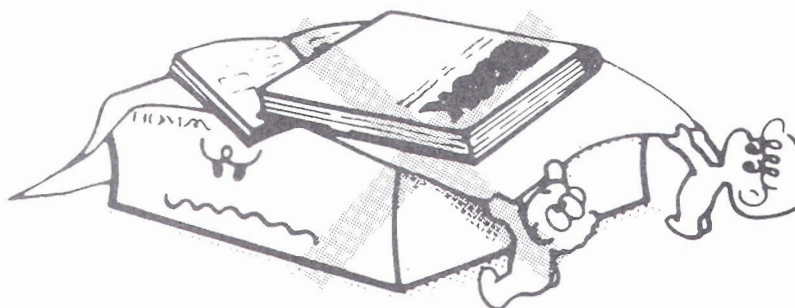
1. **Power source** — The unit should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.
2. **Power-cord protection** — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.

Never pull or stretch the cord

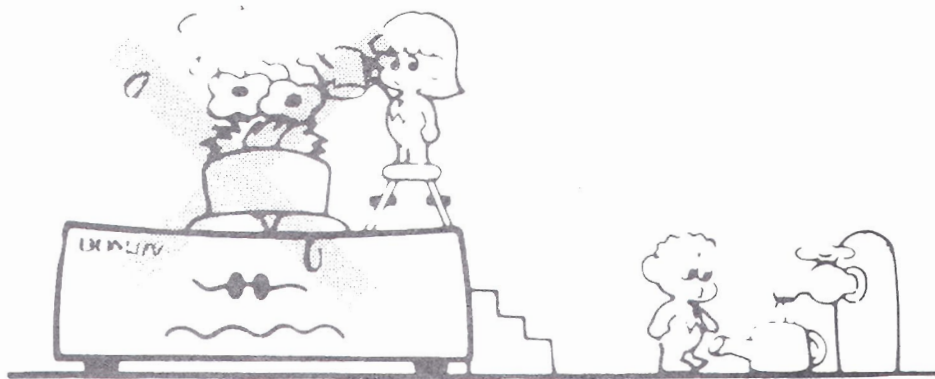


3. **Ventilation** — The unit should be situated so that its location or position does not interfere with its proper ventilation.

To maintain good ventilation, do not put records or a table-cloth on the unit. Place the unit at least 10 cm away from the walls.



4. **Water and moisture** — The unit should not be used near water — for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.



5. **Temperature** — The unit may not function properly if used at extremely low, or freezing temperatures. The ideal ambient temperature is above $+5^{\circ}\text{C}$ (41°F).