

OPERATOR'S MANUAL

FREE MODULE

MODEL EK-6106

5- 20428 5- 20432

GENERAL HANDLING PRECAUTIONS

This device is intended for use only by qualified medical personnel.

Please read these precautions thoroughly before attempting to operate the instrument.

- To satisfy and effectively use the instrument, its operation must be fully understood.
- 2. When installing or storing the instrument, take the following precautions:
 - Avoid moisture or contact with water, extreme atmospheric pressure, excessive humidity and temperatures, poorly ventilated areas, and dusty saline or sulphuric air.
 - (2) The instrument should be placed on an even, level floor. Vibration and mechanical shock should be avoided even during moving.
 - (3) Avoid placing in an area where chemicals are stored or where there is danger of gas leakage.
 - (4) The power line source to be applied to the instrument should correspond in frequency and voltage to specifications, and have allowable current capacity.
 - (5) Choose a room where a proper grounding facility is available.

3. Before Operation

- (1) Check that the instrument is in perfect operating order.
- (2) Check that the instrument is grounded properly.
- (3) Check that all cords are connected properly.
- (4) Pay extra attention when the instrument is in combination with other instruments to avoid misdiagnosis or other problems.

- (5) All circuitry used for direct patient connection must be doubly checked.
- (6) Check that battery voltage and battery condition are perfect when using battery-operated models.

4. During Operation

- (1) Both the instrument and the patient must receive constant, careful attention.
- (2) Turn power off or remove electrodes and/or transducers when necessary to assure the patient's safety.
- (3) Avoid direct contact between the instrument and the patient.

5. To Shutdown After Use

- (1) Turn power off with all controls returned to their original positions.
- (2) Remove the cords gently: do not use force to remove them.
- (3) Clean the instrument together with all accessories to keep them ready for their next use.
- 6. The instrument must receive expert, professional attention for maintenance and repairs. When the instrument is not functioning properly, it should be clearly marked to avoid operation while it is out of order.
- 7. The instrument must not be altered or modified in any way.

8. Maintenance and Inspection:

- The instrument and parts should undergo regular maintenance inspection at least every 6 months.
- (2) If stored for extended periods without being used, make sure prior to operation that the instrument is in perfect operating condition.
- 9. When the instrument is used with an electrosurgical instrument, careful attention should be paid to the application and/or location of electrodes and/or transducers to avoid possible burn to the patient.
- 10. When the instrument is used with a defibrillator, make sure that the instrument is protected against defibrillator discharge. If not, remove patient cables and/or transducers from the instrument to avoid possible damage.

WARRANTY POLICY

Nihon Kohden Corporation (NKC) shall warrant its products against all defects in materials and workmanship for one year from the date of delivery. However, consumable materials such as recording paper, ink, stylus and battery are excluded from the warranty.

NKC or its authorized agents will repair or replace any products which prove to be defective during the warranty period, provided these products are used as prescribed by the operating instructions given in the operator's and service manuals.

No other party is authorized to make any warranty or assume liability for NKC's products. NKC will not recognize any other warranty, either implied or in writing. In addition, service performed by someone other than NKC or its authorized agents or technical modification or change of products without prior consent of NKC may be cause for voiding this warranty.

Defective products or parts must be returned to NKC or its authorized agents, along with an explanation of the failure. Shipping costs must be prepaid.

In the USA and Canada other warranty policies may apply.

FREE MODULE EK-610G

INTRODUCTION

The free module is designed to assemble your originally designed circuit on the multi-purpose board.

The module contains the power supply of regulated $\pm 15 \text{V}$ and $\pm 5 \text{V}$ on the multi-purpose circuit board.

FEATURES

- 1. Built-in ±15V and +5V power supplies with output current of 200mA.
- 2. Both dual-in-line type and can type integrated circuits can be mounted on the multipurpose ciucuit board as well as transistors and other components.

SPECIFICATION

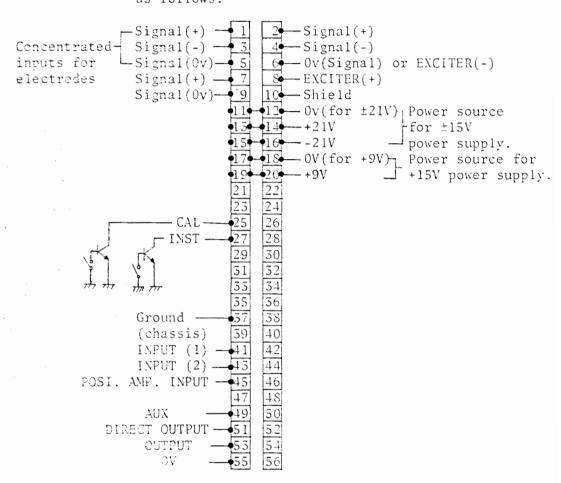
Power Supply +15V, ±6% 200mA -15V, ±6% 200mA +5V, ±6% 200mA Printed side Printed side

governer or							
	S			68888		30000	
	202 3202 4202 4202 4201 4201 4201 4201 4201	R205	C C	11 (11) (1) (1) (1) (1) (1) (1)	- ********	ត្តាសម្ពេច ស្នាស់មុខស្នា ត្រូវ ស្	
Kray	100 635		C . C.	C205		TO STAND STAND TO STAND TO STAND STA	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
	C C C C C C C C C C C C C C C C C C C		€ 000000 -15V 1P2 C20	U COCUED L IP4 IPS	600000	600 600	فيسلمين
		0000 000 044 000 0000 0000 0000 000		COME COMES C	: ದ ಚ್ಚಿ ಚಾಗಿ ಕ		
	6 86 8 9 9 9						
		(- 000000 - CT		
						်း ကားသော ကားသည် ÷	
	000000 0000 00000 0000 00000 0000 00000		GE 60	000000		6 000000 V	
		(C)					
	000000	000000	000000	000000		Genece	
		000 CO 6		(max) 9 max)		Comment Caro	
4年度1	towns comp	ନ୍ଦ ୍ର ପ ରେ ନୁ		(CC) (CC)		F 12	
30 (m/g)	(C) (C)	000000 000 000 000 000 000 000		040 (ast)	CET CES		ें (हें
	6 60 60 6 8 600 60 6 9 60 60 6 9 600 600 6						
	ž	15	800000	000000	6000000	000000	
TOKYO JAPAN 76102 9318104-P2							

Plug-in Unit Connector

A connector for receiving and applying signals to the plug-in units.

The signal connection of the terminals is as follows:



Plug-in unit connector : 56P female

Type: 1150-056-019 Code number: 5420064