GRAPHIC EQUALIZER
1070KE/KE-7090
SERVICE MANUAL

Illustration is KE-7090.
* Refer to parts list on page 18.
Refer to the schematic diagram for the value of resistors and capacitors.
(PC BOARD)(Component side view)

ATTENTION:

CAUTION:

FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE AND RATING FUSES
Refer to the schematic diagram for the value of resistors and capacitors.
CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). It indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product.
1070KE/KE-7090

SPECIFICATIONS

[Audio block]
Total harmonic distortion (at 1 kHz, Flat) .................. 0.005%
Frequency response .................................... 10 Hz ~ 70 kHz, ± 3 dB
Signal to noise ratio (IHF '66) ............................ 81 dB
Graphic equalizer characteristics
  Adjustment center frequencies .......... 40 Hz, 63 Hz, 98 Hz,
  160 Hz, 250 Hz, 400 Hz, 625 Hz, 1 kHz, 1.5 kHz, 2.5 kHz, 3.9
  kHz, 6.3 kHz, 10 kHz, 16 kHz
  Equalizer characteristic variable range .................. ± 12 dB
Input Impedance
  Line .................................................. 47 kΩ
Maximum output voltage (at 1% T.H.D.) .................... 7 V
Output Impedance
  Line .................................................. 2.2 kΩ

[General]
AC outlets
  For the U.S.A. and Canada
  UNSWITCHED ........................................ 1 (200W, 1.6A max.)
  For other countries
  UNSWITCHED ........................................ 1 (200W max.)
Power consumption ........................................ 18 W
Dimensions ...................................................
  W: 440 mm (17.5/16")
  H: 123 mm (4-9/16")
  D: 371 mm (14-5/8")
Weight (net) ........................................... 4.2 kg (9.3 lb)

Note:
We follow a policy of continuous advancements in development. For
this reason specifications may be changed without notice.

Note:
Component and circuitry are subject to modification to insure best operation
under differing local conditions. This manual is based on Europe (E) standard,
and provides information on regional circuit modification through use of alter-
native schematic diagrams, and information on regional component variations
through use of parts list.

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