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INSTRUCTION MANUAL

AURAL COMPENSATOR

MODEL  672A

KIKUSUI ELECTRONICS CORPORATION

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# 1. GENERAL

The 672A is an Aural Compensator which complies with the "A", "B", and "C" frequency response characteristics specified by JIS C-1502-1957 "Sound Level Meter". The instrument has a -60 dB attenuator (10-dB steps) in its input circuit. The instrument is made of solid-state electronics and ensures high operation reliability.

# 2. SPECIFICATIONS

| | |
|---|---|
| Power requirements: | 100 V, 50/60 Hz AC, approx. 4 VA |
| External dimensions: | 120 W × 120 H × 230 D (mm) |
| (Maximum dimensions): | 120 W × 140 H × 250 D (mm) |
| Input terminals: | UHF-type receptacle and GND terminal, spacing 19 mm. (matches UHF-type and M-type plugs) |
| Input impedance: | Approx. 10 kΩ |
| Attenuator: | 60 dB attenuation maximum (0 ~ 60 dB, 10-dB steps) |
| Attenuator accuracy: | $\pm 0.5$ dB or better |
| Input signal level: | 0.25 ~ 25 V rms, at 1000 Hz |
| Maximum input voltage: | Input voltage which causes 12 V rms output voltage, at 1000 Hz |
| Amplifier gain: | Approx. 33 dB |
| Output frequency response: | Selectable for "A", "B", or "C" frequency response characteristics of JIS C-1502-1957. (Refer to Inspection Report S-40239.) |

Output terminals:         Binding posts, spacing 19 mm

Accessory:            Type 941B Terminal Adaptor

## 3. EXPLANATION OF PANEL

POWER:            AC line power switch. Top position is for ON
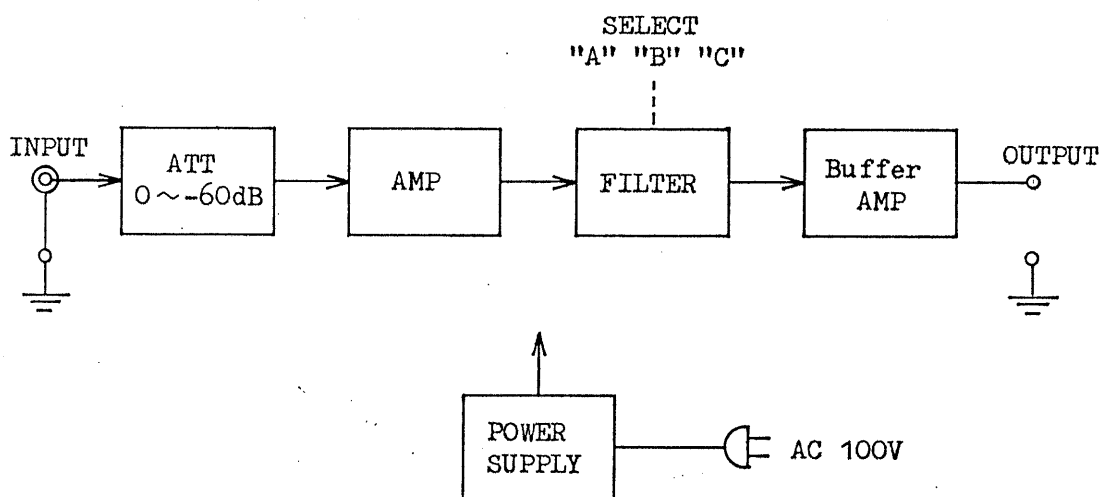and the power pilot lamp turns ON.

INPUT:            Input signal connector. Matches the UHF-type
or M-type plug.

GND:              Electrically connected to the chassis.

CHARACTERISTIC:  Selector switch of frequency response
characteristics for "A", "B", and "C".

INPUT ATTEN:    60 dB attenuator (10-dB steps)

Block diagram

Note: Note that, since this instrument is an amplifier with
aural compensation characteristics, it is possible that
the amplifier is saturated with an excessively large
input and the measurement becomes unsuccessful unless
the output is monitored within the maximum output level
by connecting an output meter to the OUTPUT terminal.