

1000614100

WK20

20W Power Amplifier Board



DESCRIPTION

- Designed to amplify the audio of an ASLT subscriber line
- Used standalone (speaker only), or in combination with a station to amplify the speaker signal
- Connects directly to the subscriber line
- Provides 20W into 4 Ohm or 6W into 20 Ohm
- Powered by 24V AC or 24-36V DC

The amplifier 1000614100 is designed to amplify the audio from a Vingtor-Stentofon AlphaCom subscriber line. The amplifier can be used standalone (loudspeaker only), or it can be used in combination with a station to amplify the loudspeaker signal.

The board contains a power amplifier, a potentiometer for adjusting the output volume and an input for switching the amplifier on/off. The symmetrical input is matched to the output level on the ASLT subscriber board in the AlphaCom exchange.

The amplifier may be constantly on, or switched on and off by the M-key on the calling station. It is recommended that power to the amplifier board is supplied from a separate class II transformer.

In the AlphaCom exchange, brackets must be mounted on the board, in order to fasten to the mounting rail.

The potentiometer "Balance" is to balance out hum and noise, and is preset from factory. Further adjustments are normally not necessary.

SPECIFICATIONS

GENERAL

| | |
|---------------------------------|---|
| Input signal level | 1V - 10V |
| Input impedance | 6 kOhm |
| Output power | 20W into 4ohm, 12W into 8 ohm, 6W into 20 ohm |
| Frequency range | 140 - 20.000 Hz |
| Max. amplification | 10.5 dB |
| Recommended room temperature | 0°C to +35°C / +32°F to + 95°F |
| Humidity Range (non-condensing) | 10% - 90% RH |
| Dimensions W x H x D | 75 mm x 84 mm x 40 mm / 2.9" x 3.3" x 1.6" |

| ORDER NUMBER | DESCRIPTION | SHIP WEIGHT |
|--------------|----------------------------|-------------|
| 1000614100 | WK20 Power Amplifier Board | 0.2 kg |