

**WIDE BAND AMPLIFIER
(VALVE VERSION)
OMEGA TYPE ETB-16**

**PUSH PULL POWER AMPLIFIER
(VALVE VERSION)
OMEGA TYPE ETB-15**



OMEGA TYPE ETB-15 Experimental Training Board has been designed specifically for the study of Push Pull Amplifier.

Practical experience on these boards carries great educative value for Science and Engineering Students.

OBJECT

To study class 'B' Push Pull Power Amplifier for :

- 01 Power Output measurement.
- 02 Frequency Response.
- 03 Distortion measurement.

FEATURES

The board consists of the following built-in parts :

- 01 Three valves with bases fixed on panel and wired internally.
- 02 Output transformer.
- 03 Adequate no. of other electronic components.
- 04 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 05 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 06 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 07 Weight : 3 Kg. (Approx.)
- 08 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED:

- 01 Power Supply 300V at 100mA
OMEGA TYPE ICV-300/01
- 02 AF Sine Wave Generator OMEGA TYPE AO-300
- 03 A.C. Millivoltmeter OMEGA TYPE ACV-25
- 04 Output Power Meter OMEGA TYPE OM-135
- 05 Distortion Meter

OMEGA TYPE ETB-16 has been designed specifically for the study of Wide Band Amplifier. Practical experience on these boards carries great educative value for Science and Engineering Students.

OBJECT

To study Wide Band Amplifier for :

- 01 Frequency Response of uncompensated Amplifier.
- 02 Low Frequency compensation.
- 03 High Frequency compensation.
- 04 Phase response of compensated and uncompensated amplifier.

FEATURES

The board consists of the following built-in parts :

- 01 A valve with base fixed on panel and wired internally.
- 02 Adequate no. of other electronic components.
- 03 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length 50cm.
- 04 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 05 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 06 Weight : 1.500 Kg. (Approx.)
- 07 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED :

- 01 Power Supply 300V at 100mA
OMEGA TYPE ICV-300/01
- 02 AF Sine Wave Generator OMEGA TYPE AO-300
- 03 R.F. Signal Generator
- 04 A.C. Millivoltmeter OMEGA TYPE ACV-25
- 05 Decade Condenser Box
OMEGA TYPE DC-150 PF
- 06 Decade Resistance Box
OMEGA TYPE DRBC-115L
- 06 Dual trace CRO 20MHz OMEGA TYPE CRO-20

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS