

250 T3 Control Console

FOR ALL STEREO AND UNIVERSAL FUNCTIONS

250 T3



Features

- Flexibility of design
- Solid state circuitry throughout
- Frequency response = 0.5 dB, 30 to 20,000 Hz.
- Microphone input to line output gain = 99 dB
- Three channel stereo operation
- Four dual inputs with ganged mixer controls for two channel turntable and tape stereo
- Key selector TT1 and TT2 or Tape 1 or Tape 2 with "auto-cue" on dual inputs
- Eight single mixers with cue positions on four
- Choice of single, dual or three channel operation
- Console fully wired for three channels
- 12 connected inputs
- Microphone level or "high level" on any input
- 9475A plug-in type Amplifiers used in all positions except turntable and high level
- Low impedance mixing
- Push button switches for flexibility in connection of Left, Center or Right channels to any outgoing line
- Ambient lighted push-button switches and illuminated meters
- Three channel monitoring by headphone or speakers
- Microphone inputs 150 or 600 Ω
- RIAA standard equalization

The new, all solid state Altec 250 T3 Control Console, successor to the time tested and proven 250 SU, has been designed to fulfill the complex and exacting requirements of music centers, recording and broadcast studios, convention centers and all other high quality sound systems. The 250 T3 is universal in its design and provides the greatest flexibility of function of any contemporary console. Because of this new versatility, the console may be used in a small staffed, small city studio or, with the addition of extra amplifiers and accessory equipment, may be used to fulfill the requirements of a large studio.


The 250 T3 Console has twelve input positions. All of the input positions are equipped with "bus" switches and mixer control attenuators, providing a means of selecting and mixing ten of the twelve input lines. Eight of the input positions may be used for either high level or low level sources by inserting the proper Altec input device. Located above each mixer control attenuator is a three-position select or key switch which permits placing the output of the attenuator on Left, Center or Right channel.

One of the major innovations of the 250 T3 Console concerns the other four inputs. To satisfy two-channel stereo requirements, these four inputs have been designed as stereo pairs. These stereo pairs have "ganged" mixer controls which connect to the left or right busses when used. Two of these pairs are low-level, for turntables 1 and 2, and the other two are high-level for tapes 1 and 2. Each pair has a selector switch. One selects turntable 1 or turntable 2. Using the automatic cue system, when the switch is in TT1 position, TT2 is automatically on cue. In this position the second turntable can be set for immediate play. The same conditions are true when the switch is in TT2 position. The automatic cue system also applies to the other switch which selects tape 1 or tape 2. Four Altec 1579A equalized Phono Amplifiers are used on turntables 1 and 2 and four Altec 15095 Transformers are used for the stereo tape inputs.

An important feature of the 250 T3 Console is the design that eliminates a variety of amplifiers. The console is wired to accommodate the Altec 9475A Amplifier which is used in all console circuit positions as a preamplifier, booster amplifier or program amplifier.

All output circuitry for single-channel/single-line, two-channel/single-line, three-



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