

## GENERAL INFORMATION

The function of the amplifier is to boost the low level signals from microphones and other sound sources to the level required to operate loudspeakers. It is important that the amplifier performs this task without adding any coloration to the sound and certainly no audible distortion, hiss or hum. Power amplifiers get their signal from a mixing desk whereas mixer/amplifiers have their own mixing section. The mixing section in a mixer/amplifier is generally much simpler and has less features than a mixing desk and such an amplifier is ideal for small systems or for systems that are required to be simple to operate. All mixer/amplifiers have suitable outputs to feed a loop system and cassette recorder or other recording device. They also all have phantom power available to power modern church microphones.



INTER M PAM SERIES

The PAM series offers almost the range of facilities of a sound desk. There are 6 inputs and each input has comprehensive sensitivity and tone control via pre-sets on the rear panel. This allows much more adjustment over each input, yet the front panel controls are similar, with a volume control for each input, plus global treble, bass and master volume. This amplifier is good where there is a wide range of different types of microphones.



TOA A-1700 SERIES

The new TOA A-1700 range offers up to 9 input channels, making it ideal for those installations that need a higher number of inputs combined with simple operation. There is a volume control for each of the nine inputs plus master volume and master treble and bass. Output channels are provided for recording, loop systems and signal processors.



JEDIA RANGE

The Jedia Range comprise a series of power amplifiers specifically for 100V line applications. The amplifiers are exceptionally quiet in use, featuring an ultra quiet variable speed cooling fan and an audio specification that renders background noise virtually inaudible. These amplifiers are used in multi-loudspeaker installations where a sound desk or other separate mixing unit is used.



YAMAHA PS RANGE

The Yamaha PS series consists of high quality power amplifiers for use with mixing desk based systems. Each amplifier has two channels allowing two separate loudspeaker regions to be controlled independently. All models have speaker protection soft start systems and all have extremely low distortion levels. At very high power levels, special circuitry prevents loudspeaker overload by gently reducing peaks in the sound.