

# Differences in Digital Technology

## FEATURES COMMONLY FOUND IN:

### Ultimate Digital Technology

- A greater number of computer programmable bands and channels. Bands and channels refer to “slices” of the sound spectrum used to adjust gain and compression, respectively.
- Voice sensitivity capability – ability to detect difference between human voice patterns of sound vs. constant, non-voice background sounds for minimization
- Better feedback cancellation
- Better performance in noise
- Improved directionality (for instruments having two or more microphones) adapts to cancel noises from wearer’s side and rear, even as sound source is moving.

### Basic Digital Technology

- Clearer and more accurate sound reproduction over analog technology
- Quieter performance with less electronic circuit noise
- Either computer programmable or manual trimpot adjustability

### Conventional Analog Technology

- Has helped millions of people hear better over the years
- Least expensive technology

### Advanced Digital Technology

- Memory button to give user choice of listening programs for various situations
- Multiple bands and channels for computer adjustments.

