

AMPLIFIER FEATURES CHART

| Amplifier Output Power Rating/Channel | Model Numbers | Amp Channels | Input Types | | | Signal Processing | | | | | | Music Muting | | | MOH Output | Night Ringer | Remote Volume | Output Meter | Mounting | | | Page Number | |
|---------------------------------------|---------------|--------------|--------------------------------|-----------------------------|-------------------------------|-------------------------|----------------|-------------------|------------------|-----|----|--------------|--------------|---------------|------------|--------------|---------------|--------------|-----------|-------------|------------|-------------|-------------|
| | | | TEL Input* 600-ohm Balanced | MIC Input* Lo-Z Balanced | AUX Input* Hi-Z Unbalanced | Balanced Inputs Hi-Z | Modular Inputs | Audio Enhancement | Loudness Contour | ALC | EQ | Bass/Treble | Tone Control | Variable Mute | | | | | Auto Mute | Manual Mute | Wall Mount | | Shelf Mount |
| 1.5W | GA2 | 1 | | | 1 | | | | | | | | | | | | | | | | | | 42 |
| 6W | GA6A | 1 | | 1 | 1 | | | | | | | | | | | | | | | | | | 42 |
| 10W | C10 | 1 | 1 | 2 (1) | 0 (1) | | | | | | | | | | | | | | | | | | 42 |
| 10W | C10MOH | 1 | 1 | 2 (1) | 0 (1) | | | | | | | | | | | | | | | | | | 42 |
| 15W | TPU15A | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | 43 |
| 20W | C20 | 1 | 1 | 2 (1) | 0 (1) | | | | | | | | | | | | | | | | | | 42 |
| 20W | C20MOH | 1 | 1 | 2 (1) | 0 (1) | | | | | | | | | | | | | | | | | | 42 |
| 35W | C35 | 1 | 1 | 2 (1) | 1 (2) | | | | | | | | | | | | | | | | | | 42 |
| 35W | GS35 | 1 | 0 (1) | 6 (4) | 1 (2) | | | | | | | | | | | | | | | | | | 41 |
| 35W | TPU35B | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | 43 |
| 35W | V35 | 1 | ● | ● | ● | ● | 8 | | | | | | | | | | | | | | | | 38 |
| 60W | BPA60 | 1 | | | ● | | | | | | | | | | | | | | | | | | 46 |
| 60W | C60 | 1 | 1 | 2 (1) | 1 (2) | | | | | | | | | | | | | | | | | | 42 |
| 60W | GS60 | 1 | 0 (1) | 6 (4) | 1 (2) | | | | | | | | | | | | | | | | | | 41 |
| 60W | TPU60B | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | 43 |
| 60W | V60 | 1 | ● | ● | ● | ● | 8 | | | | | | | | | | | | | | | | 38 |
| 100W | C100 | 1 | 1 | 2 (1) | 1 (2) | | | | | | | | | | | | | | | | | | 42 |
| 100W | GS100 | 1 | 0 (1) | 6 (4) | 1 (2) | | | | | | | | | | | | | | | | | | 41 |
| 100W/60W/20W | PM3180 | 3 | 0 (1) | 2 (1) | 4 | | | | | | | | | | | | | | | | | | 47 |
| 100W | TPU100B | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | 43 |
| 100W | V100 | 1 | ● | ● | ● | ● | 8 | | | | | | | | | | | | | | | | 38 |
| 100W | WV100 | 1 | ● | ● | ● | ● | 8 | | | | | | | | | | | | | | | | 40 |
| 125W | HTA125A | 1 | ● | | ● | | | | | | | | | | | | | | | | | | 46 |
| 150W | GS150 | 1 | 0 (1) | 6 (4) | 1 (2) | | | | | | | | | | | | | | | | | | 41 |
| 150W | V150 | 1 | ● | ● | ● | ● | 8 | | | | | | | | | | | | | | | | 38 |
| 150W | WV150 | 1 | ● | ● | ● | ● | 8 | | | | | | | | | | | | | | | | 40 |
| 250W | GS250 | 1 | 0 (1) | 6 (4) | 1 (2) | | | | | | | | | | | | | | | | | | 41 |
| 250W | HTA250A | 1 | ● | | ● | | | | | | | | | | | | | | | | | | 46 |
| 250W | MT250D | 1 | ● | | ● | | | | | | | | | | | | | | | | | | 46 |
| 250W | TPU250 | 1 | 1 | 1 | | | | | | | | | | | | | | | | | | | 43 |
| 250W | V250 | 1 | ● | ● | ● | ● | 8 | | | | | | | | | | | | | | | | 38 |
| 250W | WV250 | 1 | ● | ● | ● | ● | 8 | | | | | | | | | | | | | | | | 40 |
| 300/600W | M300 | 2/1 | ● | ● | ● | 2 [†] | 2 | | | | | | | | | | | | | | | | 45 |
| 300W | X300 | 2 | ● | | | 2 | | | | | | | | | | | | | | | | | 44 |
| 450/900W | M450 | 2/1 | ● | ● | ● | 2 [†] | 2 | | | | | | | | | | | | | | | | 45 |
| 450W | X450 | 2 | ● | | | 2 | | | | | | | | | | | | | | | | | 44 |
| 600/1200W | M600 | 2/1 | ● | ● | ● | 2 [†] | 2 | | | | | | | | | | | | | | | | 45 |
| 600W | X600 | 2 | ● | | | 2 | | | | | | | | | | | | | | | | | 44 |

- Feature Included
- Features determined by type of module installed
- Balanced input available with accessory plug-in transformer (TL100 or TL600)
- Accessory kit required for mounting
- Contact closure activation only

* Some inputs are switch selectable. The number in parentheses shows the maximum number of inputs when switched.

† BAL2S balanced input module included standard; uses one modular input bay.

Specifications subject to change without notice.

AMPLIFIER SPECS CHART

| Model Numbers | Output Power Rating / Channel | Channels | Frequency Response* | Distortion** | Speaker Outputs | AC Line Draw*** | Dimensions | Product Weight |
|---------------|-------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-------------------------------------------------------|-----------------|----------------------------------------------------------|----------------|
| BPA60 | 60W | 1 | 50 Hz to 15 kHz | 2% Max | 8-ohm/25V, 16-ohm, 25VCT, 70V | 180W | 15-1/4" W x 3-1/2" H x 8-1/4" D | 17 lb. |
| C10 | 10W | 1 | 70 Hz to 16 kHz | 1% Max | 70V, 25V, 16-ohm, 8-ohm, 4-ohm | 38W | 11-3/8" W x 2-7/8" H x 7-3/8" D | 5 lb. |
| C10MOH | | | | | | 50W | | 6 lb. |
| C20 | | | | | | 50W | | 6 lb. |
| C20MOH | 20W | | | | | | | |
| C35 | 35W | 1 | 70 Hz to 16 kHz - Transformer; 20 Hz to 20 kHz - Direct | 1% Max | 70V, 25V, 16-ohm, 4-ohm direct | 85W | 14-1/2" W x 3-3/4" H x 11" D | 16 lb. |
| C60 | 148W | | | | | 18 lb. | | |
| C100 | 220W | | | | | 20 lb. | | |
| GA2 | 1.5W | 1 | 200 Hz to 15 kHz | 2% Max | 8- & 600-ohm | 4W | 5-1/2" W x 4-1/8" H x 2-1/4" D | 2 lb. |
| GA6A | 6W | 1 | 30 Hz to 12 kHz | 2% Max | 70V, 25V, 8-ohm | 16W | 8-1/2" W x 2-3/4" H x 6" D | 5 lb. |
| GS35 | 35W | 1 | 65 Hz to 20 kHz - Transformer; 20 Hz to 20 kHz - Direct | 0.5% Max | 70V, 25V, 25VCT, 8-ohm, 4-ohm direct | 0.9A | 16-1/2" W x 3-1/2" H x 13-1/2" D | 17 lb. |
| GS60 | 60W | | | | | 1.3A | | 20 lb. |
| GS100 | 100W | | | | | 2.2A | | 23 lb. |
| GS150 | 150W | | | | | 3.0A | | 29 lb. |
| GS250 | 250W | | | | | 5.0A | | 30 lb. |
| HTA125A | 125W | 1 | 20 Hz to 20 kHz | 0.5% Max | 70V, 25VCT, 25V, 8-ohm, 4-ohm | 260W | 19" W x 5-1/4" H x 11" D | 36 lb. |
| HTA250A | 250W | | | | | 520W | | 50 lb. |
| M300 | 300/600W | 2 or 1 | 20 Hz to 20 kHz | 0.5% Max | 4- to 8-ohm (2 channel mode); 70V (1 channel mode) | 12A | 17" W x 3-1/2" H x 18-1/2" D (not including brackets) | 41 lb. |
| M450 | 450/900W | | | | | 15A | | 44 lb. |
| M600 | 600/1200W | | | | | 20A | | 46 lb. |
| MT250D | 250W | 1 | 20 Hz to 20 kHz | 2% Max | 100V, 70V, 25V, 12.5V, 8-ohm | 620W | 19" W x 13" H x 5-1/4" D | 49 lb. |
| PM3180 | 100W 60W 20W | 3 | 70 Hz to 20 kHz - Trans (Amp 1 & 2); 70 Hz to 15 kHz - Trans (Amp 3); 20 Hz to 20 kHz - Direct (Amp 1 & 2); 20 Hz to 15 kHz - Direct (Amp 3) | 0.5% - Amp 1&2; 1% - Amp 3 (Max) | 70V, 25V, 8-ohm, 4-ohm direct | 430W | 17" W x 5-1/2" H x 12-1/2" D | 38 lb. |
| TPU15A | 15W | 1 | 70 Hz to 12 kHz | 2% Max | 70V, 25V, 8-ohm | 48W | 11" W x 2-3/4" H x 2-3/8" D | 4 lb. |
| TPU35B | 35W | | 70 Hz to 15 kHz | 1% Max | 70V, 25V, 25VCT, 16-ohm | 0.7A | 14-1/4" W x 8-3/8" H x 3-5/8" D | 13 lb. |
| TPU60B | 60W | | 1.5A | 15 lb. | | | | |
| TPU100B | 100W | | 2A | 18 lb. | | | | |
| TPU250 | 250W | | 70V, 25V | 5A | 30 lb. | | | |
| V35 | 35W | 1 | 45 Hz to 20 kHz - Transformer; 20 Hz to 20 kHz - Direct | 0.5% - Transformer; 0.1% - Direct (Max) | 70V, 25V, 8-ohm, 4-ohm direct | 0.6A | 16-1/2" W x 3-1/2" H x 12" D | 24 lb. |
| V60 | 60W | | | | | 1.3A | | 28 lb. |
| V100 | 100W | | | | | 2.0A | | 32 lb. |
| V150 | 150W | | | | | 3.5A | | 35 lb. |
| V250 | 250W | | | | | 5.5A | | 40 lb. |
| WV100 | 100W | 1 | 45 Hz to 20 kHz - Transformer; 20 Hz to 20 kHz - Direct | 0.5% - Transformer; 0.1% - Direct (Max) | 70V, 25V, 8-ohm, 4-ohm direct | 2.0A | 14-1/8" W x 21" H | 27 lb. |
| WV150 | 150W | | | | | 3.5A | | 29 lb. |
| WV250 | 250W | | | | | 5.5A | | 28 lb. |
| X300 | 300W | 2 | 20 Hz to 20 kHz | 0.5% Max | 70V direct | 12A | 17" W x 3-1/2" H x 18-1/4" D (not including brackets) | 41 lb. |
| X450 | 450W | | | | | 15A | | 44 lb. |
| X600 | 600W | | | | | 20A | | 46 lb. |

* @ -2dB FRP Transformer output;
@ FRP for Direct outputs

** Bandwidth limited to frequency response

*** FRP @ 120V AC line voltage

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