PUBLIC ADDRESS / AMPLIFIERS / MONO

MAX-600Z

PA MULTI-ZONE AMPLIFIER



CLASS D | EMERG / CH1-5 PRIORITY INPUT | 5 ZONES (100 V) | RADIO | BLUETOOTH | USB

- Class D amplifier and SMPS (Switched-Mode Power Supply), 600 W RMS
- 5 speaker output zones with volume control
- Bluetooth/USB/FM player
- Emergency and mute input for connection to alarm and evacuation systems
- Attenuator priority 24 V and 3rd priority wire

+ Info:
https://fonestar.com/MAX-600Z

ESPECIALLY RECOMMENDED IN:



Factories | Hospitality | Sports facilities | All sectors

DESCRIPTION

600 W RMS multi-zone amplifier. 5 speaker zones.

TECHNICAL CHARACTERISTICS

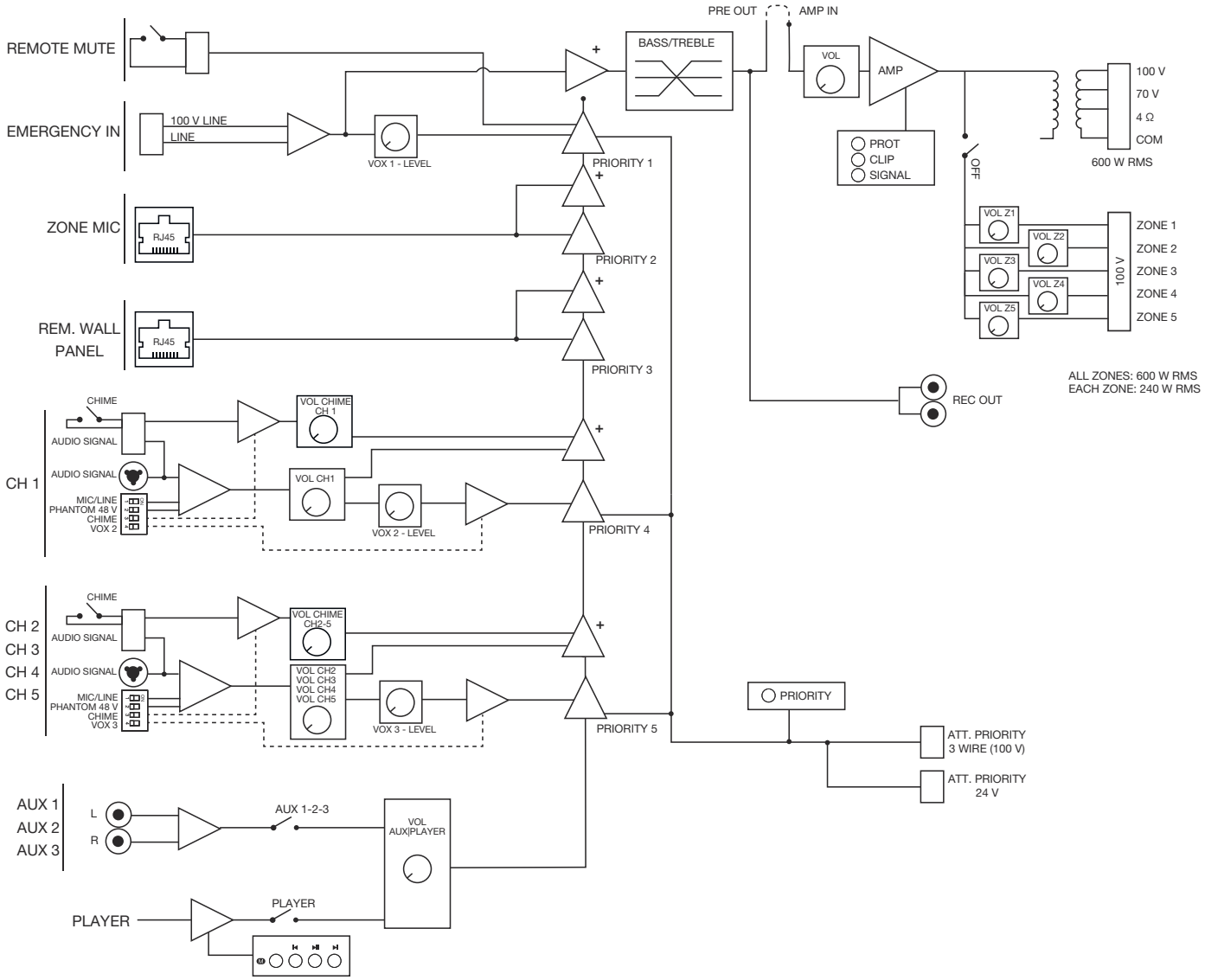
FEATURES	Class D PA amplifier and SMPS switch-mode power supply. Bluetooth/USB/FM player. ZONEMIC-6 zone microphone input. Input for remote wall panel. Microphone inputs with mix, gain and priority level control. Chime generator. 3 auxiliary inputs. Emergency input and mute for connection to alarm and evacuation systems. 24 V attenuator priority. 3rd wire output (100 V) with attenuator priority. Tone controls. 100 V, 70 V and 4 Ohm outputs. 5 output zones with volume control and Off.
POWER	600 W RMS
RESPONSE	45-22,000 Hz (-10 dB)
DISTORTION	THD+N: <0.5% at 1 kHz
S/N RATIO	Mic >73 dB, Line >80 dB, Aux >84 dB
PROTECTIONS	Soft start, overcurrent, overload, temperature and short circuit
INPUTS	Zone microphone ZONEMIC-6, RJ45, up to 200 m cable length Remote wall panel, RJ45, 2 x 250 mV RMS (-12 dBV) CH 1, 2, 3, 4 and 5 balanced mic/line with 48V phantom power. Combo connector (XLR + 6.3 mm) and euroblock. Call tones by contact closure Mic signal level: 5'2 mV RMS (-45 dBV) / 600 Ohm Line signal level: 220 mV RMS (-13 dBV) / 100k Ohm 3 x AUX. 2 x RCA connector. Signal level 270 mV RMS (-11 dBV) / 47,000 Ohm. 1 x emergency. Euroblock connector. Signal level: line 326 mV RMS (-10 dBV) or 100 V line Mute (Emergency Priority) by contact closure. Euroblock connector 1 Amp-in. RCA connector. Signal level 1'2 V RMS (+ 1'5 dBV)



+ Info:
https://fonestar.com/MAX-600Z

OUTPUTS	1 REC. 2 x RCA connector. Signal level 316 mV RMS (-10 dBV). Pre-master. 1 Pre-out. RCA connector. Signal level 1.2 V RMS (+1.5 dBV) 100 V, 70 V or 4 Ohm speaker output, or 5 zones of 100 V speakers with 7-position volume selector and OFF (Maximum 240 W per zone). Euroblock connector 1 Attenuator priority, 24 V 100 mA and contact closure. Euroblock connector 1 3rd priority wire for attenuators (100 V)
IMPEDANCE	4 Ohm, 100 V line (16.7 Ohm) and 70 V line (8.17 Ohm), euroblock
FUNCTIONS	Input priority (in order of attenuation): · 100V Emergency Input with selectable signal level (VOX) · Mute by contact closure · Zone microphone ZONEMIC-6 · Remote wall panel · Channel 1 with selectable signal level (VOX) · Channels 2 | 3 | 4 | 5 with shared selectable signal level CH 2-3-4-5 (VOX) · Auxiliary Inputs | Player Power ring light on volume control, AUX input, zone and player indicators. Power, signal, clip, priority activation and protection indicator lights Induction cooling, fanless. Silent and maintenance-free
PLAYER	Bluetooth/USB/FM player for background music playback Bluetooth 5.3 Autoplay, starts playback automatically when switched on Memory of the last selected mode Playback mode memory (random, repeat)
CONTROLS	Microphone volume Master volume Aux input or player selector Zones with power on and 7 volume positions Tone: bass and treble (+/- 10 dB 100 Hz and 10k Hz) Mic/line/phantom selector, chime tones and priority Chime level (chime) Priority activation signal level (VOX)
TEMPERATURE	Operation: -10° ~ 40°C Storage: -20° ~ 60°C
MAXIMUM HUMIDITY	90%
POWER SUPPLY	230/115 V AC 50-60Hz Power consumption: 750 W AC fuse 230 V 8 A / 115 V 16 A
DIMENSIONS	430 x 89 x 320 mm depth. 2 U 19" rack
WEIGHT	12.1 kg
INCLUDES	FM antenna Bluetooth antenna Power cable Rack mounts
OPTIONAL	ZONEMIC-6: Paging microphone

+ Info:
https://fonestar.com/MAX-600Z



Product: MAX-600Z Block Diagram	FONESTAR www.fonestar.es
Date: 2025-01-09	