

PUBLIC ADDRESS / AMPLIFIERS / MONO

MA-600Z

PA MULTI-ZONE AMPLIFIER



RADIO



BLUETOOTH



SD



USB

- ✓ Output zones with selector
- ✓ Bluetooth/USB/SD/FM player
- ✓ High power

ESPECIALLY RECOMMENDED IN:



Factories



Education



Hotels



All sectors

DESCRIPTION

PA amplifier with Bluetooth®/USB/SD/FM player and speaker zone selector. A powerful solution for sound coverage of large spaces with loudspeaker zones. Low maintenance and high reliability for long working hours. This amplifier is the heart of your public address system. Provides audio signal for installations with 100 V loudspeakers or low impedance loudspeakers. As a source of background music, it has a versatile Bluetooth player, USB/SD, and FM tuner, with automatic playback on start-up. General output and 4 zone outputs of 100 V loudspeaker zones, selected by buttons on the front panel, allows to separate different parts of the loudspeaker installation. Can be used on the desktop or installed in a rack. User-friendly. Perfect for PA and piped music systems with 100 V or low-impedance line loudspeakers. Commercial premises, educational centres, exhibitions, bars, restaurants, etc.

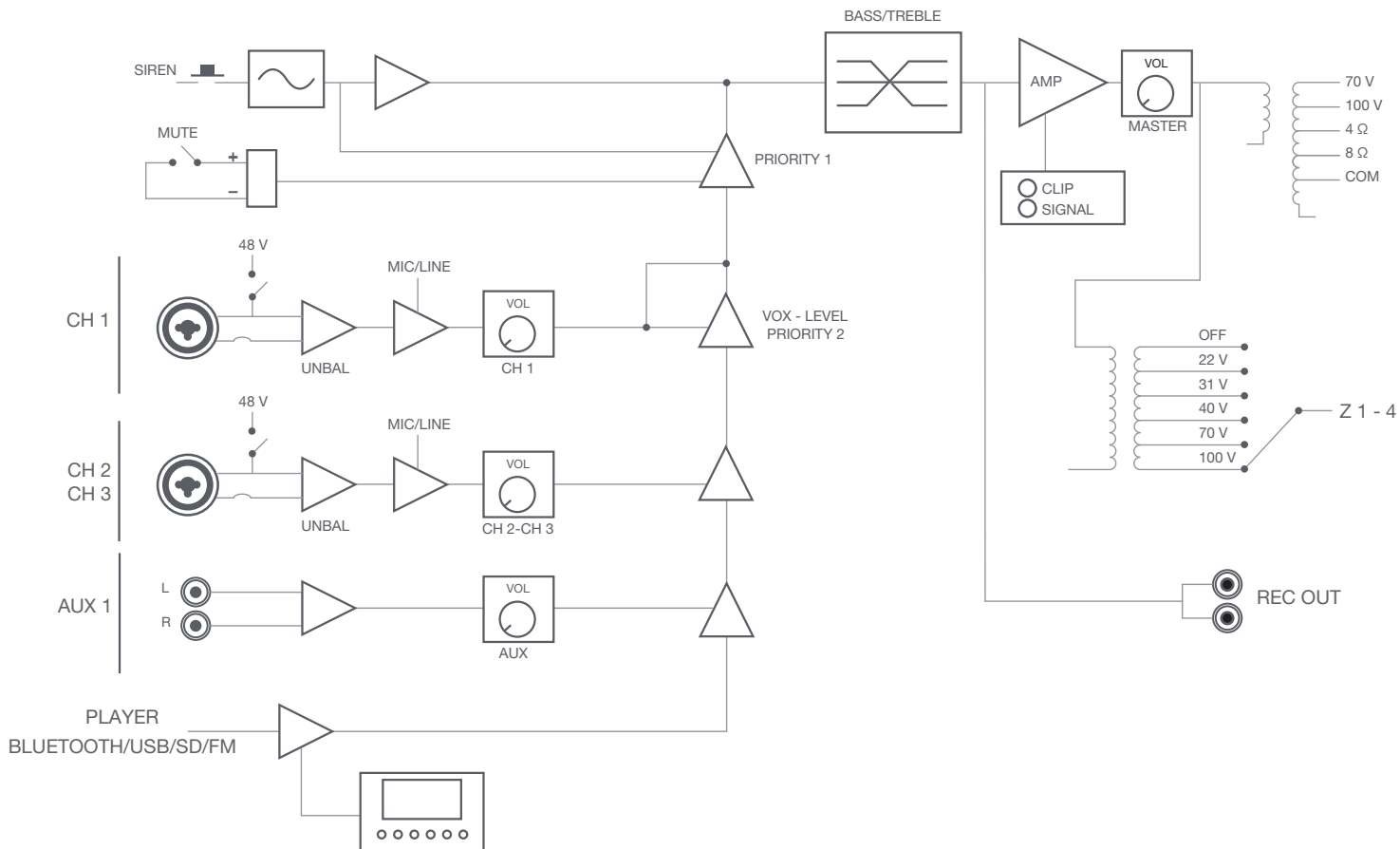
TECHNICAL CHARACTERISTICS

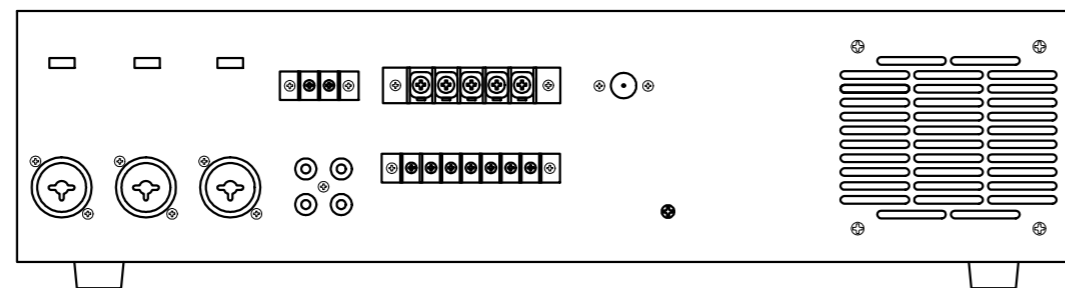
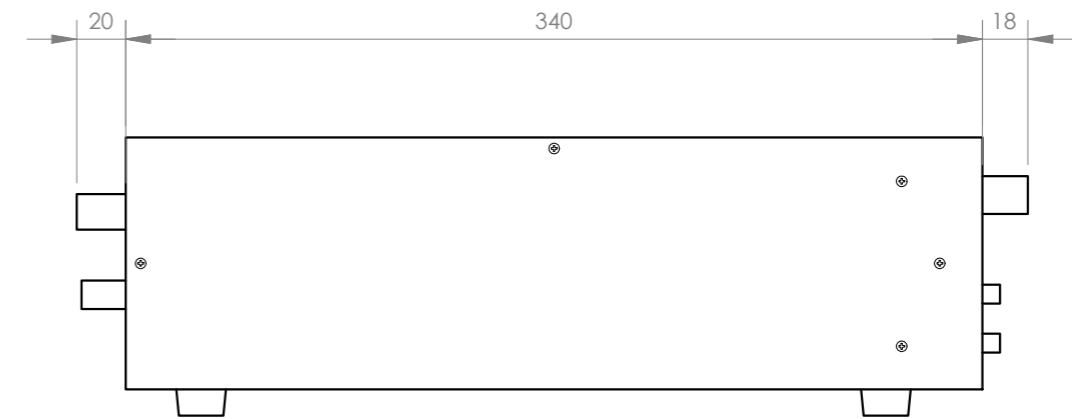
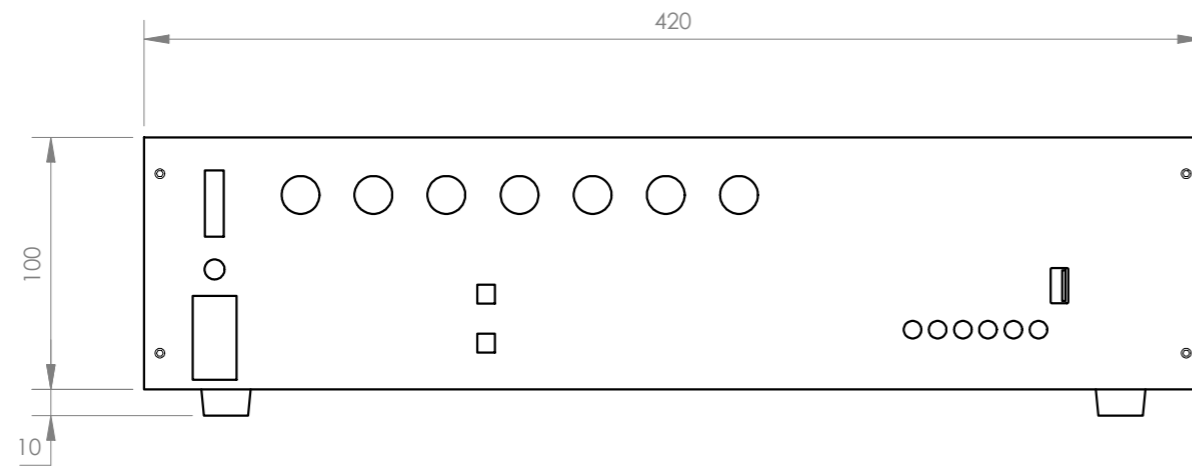
FEATURES	Public address amplifier. Bluetooth/USB/SD/FM player. 4 zones of 100 V loudspeaker lines with selector. Microphone/line and auxiliary inputs. Input 1 priorities by signal level over all other inputs and Bluetooth/USB/SD/SD/FM player. Tone controls. Siren signal generator. 100 V/70 V and 4 Ohm/8 Ohm outputs.
POWER	600 W RMS
RESPONSE	30-20,000 Hz (+/- 3 dB)
DISTORTION	THD+N: < 1% @ 1 kHz
S/N RATIO	Mic > 65 dB Aux/Line > 75 dB
PROTECTIONS	Overload, Overcurrent, Overvoltage and overheat

<p>INPUTS</p>	<p>CH 1, 2 and 3 balanced mic/line with 24V Phantom. Combo connector (XLR + 6.3 mm) Mic signal level: 4'65 mV RMS (-47 dBV)/600 Ohm Line signal level: 477 mV RMS (-6 dBV)/100 kOhm 1 x AUX. 2 x RCA connector. Signal level 200 mV RMS (-14 dBV)/47,000 Ohm 1 x Mute (Emergency Priority, attenuates all inputs except siren) by contact closure. Screw terminal connector.</p>
<p>OUTPUTS</p>	<p>1 REC OUT. 2 x RCA connector. Signal level 1 V RMS (0 dBV) 100 V/70 V or 4 Ohm/8 Ohm speaker output, or 4 100 V speaker zones with ON/OFF selector switch. Connector screw terminals</p>
<p>IMPEDANCE</p>	<p>4 Ohm, 8 Ohm and 100 V (16.6 Ohm), 70 V (8.2 Ohm) line</p>
<p>FUNCTIONS</p>	<p>Input priority: Siren, attenuates all inputs Mute by contact closure, attenuates all inputs. CH 1 with signal level priority, attenuates all other inputs (CH2, CH3, AUX and Bluetooth/USB/SD/FM player). Other functions: Siren signal generator It features power, signal and clip indicators. Temperature-controlled forced ventilation cooling</p>
<p>PLAYER</p>	<p>Bluetooth/USB/SD/FM player for ambient music playback Bluetooth 5.3 MP3 and WAV files supported Maximum USB memory capacity 64 GB Autoplay, starts playback automatically on power on Memory of last selected mode Playback mode memory (random, repeat)</p>
<p>CONTROLS</p>	<p>Input volume Mic/line/phantom selector Master volume Player Zone selector Tone: bass and treble (+/- 10 dB 100 Hz and 10 kHz)</p>
<p>TEMPERATURE</p>	<p>Operation: 0° ~ 40°C</p>
<p>MAXIMUM HUMIDITY</p>	<p>95%</p>
<p>POWER SUPPLY</p>	<p>230/115 V AC 50-60 Hz, 900 W Fuse AC 230 V 8 A/115 V 16 A</p>
<p>DIMENSIONS</p>	<p>420 x 100 x 380 mm depth. 2 U 19" rack</p>
<p>WEIGHT</p>	<p>14 kg</p>
<p>ACCESSORIES</p>	<p>FM Antenna cable Power cable Rack mounts</p>



Block diagram





FONESTAR	Model	Description	Units	Scale
	MA-600Z	PA MULTI-ZONE AMPLIFIER	mm	1:3