

# Ohlson

## Model QSM-624E

### Multi Purpose Mixer Amplifier

for use with public address systems

The QSM- 624E is a high quality P A amplifier providing 240 watt RMS of power with six channels, auto mute function, 600 ohm telephone line input, bass & treble controls, phantom power selectable on all mic inputs. Operates from either 240VAC or 24VDC and speaker output can be 100V line, 70V line or 8 ohms. Thermal overload protection circuitry and fuses, provide excellent protection of amplifier in case of misuse.

- Toroidal power & output transformers.
- Shelf or rack mount – rack ears supplied.
- Full 2 year warranty on parts & labour.
- 6 level LED VU meter.
- 5 balanced line microphone inputs – XLR socket.
- Aux 1 – 2 selectable, Aux. 3 has rear volume control.
- Pre announce chime with pre set volume control.
- 240V AC or 24V DC power requirements.
- Line in – line out RCA connectors.
- Compact 2 RU cabinet.
- Thermal and overload protection. .
- Short circuit protection.
- Telephone input

#### Connectors:

Mic 1 – 5 = 3 pin XLR sockets (balanced)

Aux 1 – 3 = RCA sockets

Line in = RCA socket

24V DC = Screw terminals

Tel & chime = Screw terminals

240V AC = IEC power connector

#### Output:

Speaker = Screw terminals

Line Out = RCA socket

Muting = Vox

Power output = 240 watts RMS

Total harmonic distortion = + 1% @ 1 KHZ

Sensitivity = Mic Channel 1 – 3 1MV @ 600 ohms

Mic Channel 4 – 5 .5MV @ 600 ohms

Aux. 1 – 2 – 3 100MV @ 22K ohms

Line out 1V

Telephone 100MV @ 600 ohms

Signal to noise ratio = 86DB

Frequency response = 50HZ – 20 KHZ + 3DB

Tone = Bass 100HZ + 10DB

Treble 10KHZ + 10DB

Voice Priority Mute on Mic 1

Phantom Power selectable on Mics 1, 2, 3, 4, 5

Power Supply = 240V AC or 24V DC

AC power consumption = 640W @ rated power

DC power consumption = 15A @ rated power

Dimensions = 88mm(H) x 425mm(W) x 305mm (D)

Weight = 12.5 kgs

Power supply = 240V AC or 24V DC

