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QTA4120P POWER AMP



The QTA 4120P amplifier is a 4 channel power amplifiers designed for up to 4 zones application.

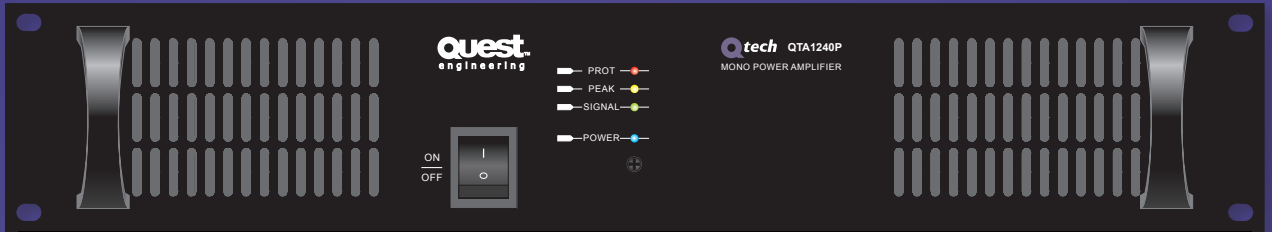
- 4 channels Power Amplifier
- Signal presence/clip and protection status indicators for each individual channel
- Individual gain controls of each input
- 8 ohm, 70V and 100V speaker output
- All inputs and outputs through Phoenix connectors for easy maintenance.
- Overload, over temperature, and speaker short protection.
- 240v AC and 24v DC power in
- 2RU height
- 19" rack or table mounted Rack ears supplied.
- 3 year replacement warranty.

| | |
|-----------------------|---------------------------------|
| Output Power (RMS) | 120W (RMS) x 4 |
| Power Supply | 230V 50/60Hz |
| Battery Voltage | DC 24V |
| THD | <= 0.5% @ 1KHz rated power |
| Sensitivity | 1V @ 10KΩ (XLR, TRS Jack) |
| Outputs | 8Ω, 70V, 100V |
| Signal to Noise Ratio | 90 dB |
| Indicator | Power On, Level |
| AC Pwr Consumption | 720W |
| DC Pwr Consumption | 16A |
| Dimensions (mm) | 88 (H) x 482 (W) x 420 (D) |
| Weight | 22 Kgs |
| Mounting options: | Table top or 19" rack mountable |



Q-Tech Commercial Series

QTA 1240P POWER AMP



Public address amplifiers could be said to be the utility end of the audio market, working anonymously day after day in a dusty cupboard or equipment space. Quite invisible to all until one fails. It is amazing how quickly “no sound” reverberates up the business chain of command to impose itself on the unfortunate contractor who has supplied the faulty equipment.

Quest commercial audio is manufactured to the same exacting standards as the live audio products.

This is why Quest offers such a wide range of commercial Amplifiers. There’s a model for every situation. A range of pro features makes the Quest QTA series an easy choice for contractors who need flexibility of sound design options and easy installation.

| | |
|-----------------------|-------------------------------|
| Output Power (RMS) | 240W |
| Power Supply | 240V 50/60Hz |
| Battery | DC 24V |
| THD | <= 0.5% @ 1KHz rated power |
| Sensitivity | 1v @ 10K ohm (XLR, TRS) |
| Outputs | 8Ω, 70V, 100V |
| Signal to Noise Ratio | 90 dB |
| Indicator | Power On, Level |
| AC Pwr Consumption | 400W |
| DC Pwr Consumption | 16A |
| Dimensions (mm) | 88 (H) x 482 (W) x 385 (D) |
| Weight | 13.2Kgs |
| Mounting | Desktop or 19" rack mountable |



Q-Tech Commercial Series



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QTM60 PUBLIC ADDRESS MIXER



The QTM 60 is a single rack unit mixer/pre amplifier with 4 microphone inputs complete with phantom power. Phantom power is selectable on all microphone inputs via rear mounted dip switches. The QTM 60 has three levels of priority for paging purposes. These are MIC 1 first priority, CHIME and EXT MIC is the second priority; EMC is the highest priority, with the auto input overriding all other inputs. This auto input caters for paging microphones which may activate the vox muting circuit.

There is a chime tone built in for paging purposes, with front mounted level control. Additionally, there are rear mounted gain controls for all the microphone inputs as well as input level controls on the front panel.

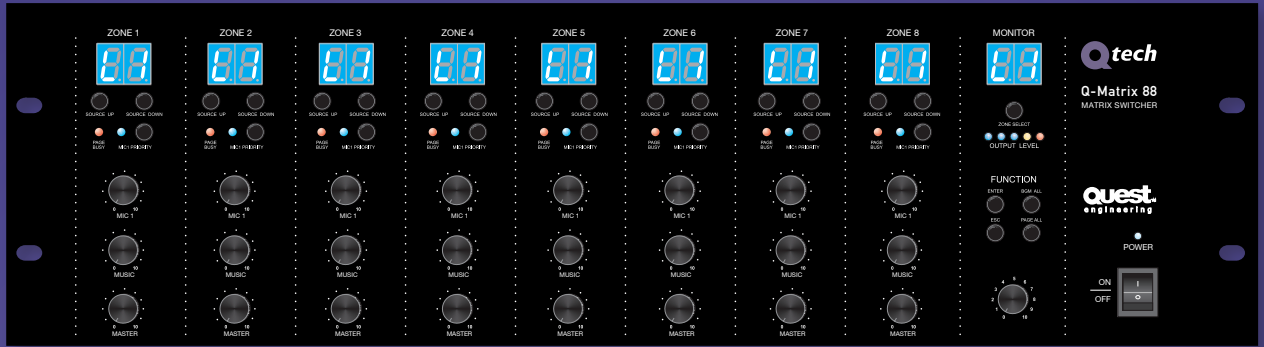
- 1 RU rack mount design
- 4 microphone plus paging mic inputs and 3 Aux inputs
- Separate Balanced / Unbalanced microphone inputs
- Rear mounted gain controls for microphones
- Record out feature
- 48v phantom power on mic inputs 1-4
- In built chime tones
- 24V spare power input

| | |
|----------------|--|
| Input | <ul style="list-style-type: none">• MIC 1 2 3 4 2.5mV/2K Ohms balance• 5mV/1K Ohms Unbalanced• AUX 1 2 3 10K Ohms/300mV Unbalance• EMC 775mV/15K Ohms Unbalance |
| Output | 775mV 600 Ohms |
| Adjust Volume | BASS: ± 10 dB at 100Hz TREBLE: ± 10 dB at 10KHz |
| Freq. Response | 20Hz~20KHz(± 1 dB) |
| Power Input | 240V |
| Dimension (mm) | 484 X 315 X 44 |
| Weight | 3.9kg |



Q-Tech Commercial Series

Q-MATRIX 88 MATRIX SWITCHER



Q-Matrix 88 is a 3 rack unit multi-zone paging and source selection system that offers unprecedented flexibility for multi-zone paging and source routing applications. 8 program inputs are available to each of 8 zone outputs.

With LCD indication for program/local input selection, zone output level, paging enable/disable and network busy, the Q-Matrix 88 provides extensive status indication to the user.

The Q-Matrix 88 is also expandable to 24 zones via a simple link cable to a second and third unit. Paging stations are available in 8, 16 or 24 zones via strap on modules in groups of 8 zones. This allows paging into any individual zone, any combination of zones or All Call.

Remote control panels are also available, allowing source selection and volume control from within each remote zone. These panels each have 2 inputs, both mic and line with the ability to mix locally.

Both paging stations and remote control panels connect via inexpensive and industry standard CAT5 cable network. An overall priority input is also provided for emergency or evacuation signals.

QT EPS PAGING MICROPHONE

Allows for paging into 8 zones individually or "all call" As the Q Matrix 88 can be expanded to 24 zones, simple strap on modules QT EPS are available to extend the zones able to be paged in groups of 8 zones per QT EPS. Up to 24 zones are able to be paged individually.

- Electret Microphone
- Comes with its own 24v Power supply
- Cabling is simple with standard Cat 5 back to the Q matrix 88



Q-Tech Commercial Series



QTA602 STEREO MIXER PRE-AMP



Features

- 2 balanced XLR mic inputs with phantom power & gain control
- 4 unbalanced RCA stereo line inputs with gain control
- Stereo balanced line level XLR outputs
- Alarm input
- Unbalanced REC output
- Switchable Input priority: Alarm input, Mic1/ Mic2 & Line 1-4 inputs.
- Bass/treble tone control and volume control for Mic1, Mic2 & source
- Dual Master volume control for both left and right channel
- Separate Output level meters for both left and right channels
- AC input voltage selector of 115V and 230V

Specifications

| | |
|----------------|---|
| Input | MIC 1-2: 4 mV -45 mV /600Ω , balanced MIC 1-2(LINE): 150mV-1.5V/10KΩ, balanced LINE 1, 2, 3, 4: 250 mV -2.5V/10KΩ, unbalanced |
| Output | 1V/600Ω |
| Freq. Response | 20Hz-20KHz(1dB) |
| S/N Ratio | Mic input: 65dB; Line input: 85dB |
| Tone | Bass: ± 10dB at 100Hz Treble: ± 10dB at 10KHz |
| Phantom Power | +48V |
| Protection | AC fuse |
| Power Supply | 115V and 230V voltage selector |
| Dimensions | 484x209x44mm |
| Weight | 3.9Kg |



Q-Tech Commercial Series

QTA4040M MIXER AMPLIFIER



The QTA 4040M has been designed as a tabletop mixer amplifier created specifically for small installations where space is limited and a full sized 19 inch amplifier is not available. Filled with practical features and easily accessible controls, the QTA4040M is a practical and simple to use device that doesn't compromise on features.

Features

- 1 MIC balanced/unbalanced input with phantom power
- 1 front MIC input
- Stereo AUX input
- Stereo RCA line output
- 100V,70V constant voltage outputs and 4~16 Ohms constant resistance output
- Built-in treble bass adjusting bass 10dB at 100Hz treble 10dB at 10KHz
- 40W Rated Power

Speaker Line Input 4~16Ω, 70V, 100V

Power source ~220V - 240V 50/60Hz

Power consumption 60W

Net weight 4.0Kg

Gross weight 4.5Kg

Dimensions 320 x 273 x 66mm

Amplifier Section - (amp in @ 1kHz,8ohm Load Output)

Rated max. output power (THD 1%) 40W

Input sensitivity/impedance 1V/20Kohms

Freq. response (At 1KHz Half power output) 80Hz~16KHz (+1dB/-3dB)

MIC1~2 input section - (MIC in@1KHz, preamp out)

Input sensitivity/impedance 5mV/500ohms,unbalance, 2.5mV/500ohms,balance

AUX input section - (AUX in@1KHz, preamp out)

Input sensitivity / impedance 300mV/500ohms

TEL input section - (AUX in@1KHz, preamp out)

Input sensitivity / impedance 1V/500ohms



Q-Tech Commercial Series

QTS T600B PENDANT LOUDSPEAKER

The QTS T600B is a pendant speaker built-in 70v/100v transformer. The built-in 6" full range speaker driver is designed for a wide frequency response 100-10kHz. The ABS enclosure is of white colour. Easy to secure through the supplied secured steel mounting ring kit. It is an ideal choice for industrial and commercial applications in train stations, shopping malls, parking and factories where background music and paging is required.

Features

- Built-in 100v/70v transformer
- Pendant type loudspeaker
- 360 degree sound wide dispersion
- 6" full range speaker driver
- Power taps at 7.5w-10w-15w-20w-30w-60w
- ABS enclosure of white color
- Steel mounting security ring kit is supplied



PowerTaps @ 100V: 7.5W, 10W, 15W, 20W, 30W, 60W

PowerTaps @ 70V: 3.7W, 5W, 7.5W, 10W, 15W, 30W

Impedance: White: 1.3k Ω , Orange: 1K Ω , Yellow: 670 Ω , Brown: 500 Ω , Blue: 330 Ω , Green: 165 Ω , Black: Com

SPL (1W\1M): 102dB

Max SPL (Rated W\1M): 120dB

Freq. response (-10dB): 100Hz - 10KHz

Finish: ABS Synthetic

Speaker: Speaker: 1 x 6" Driver

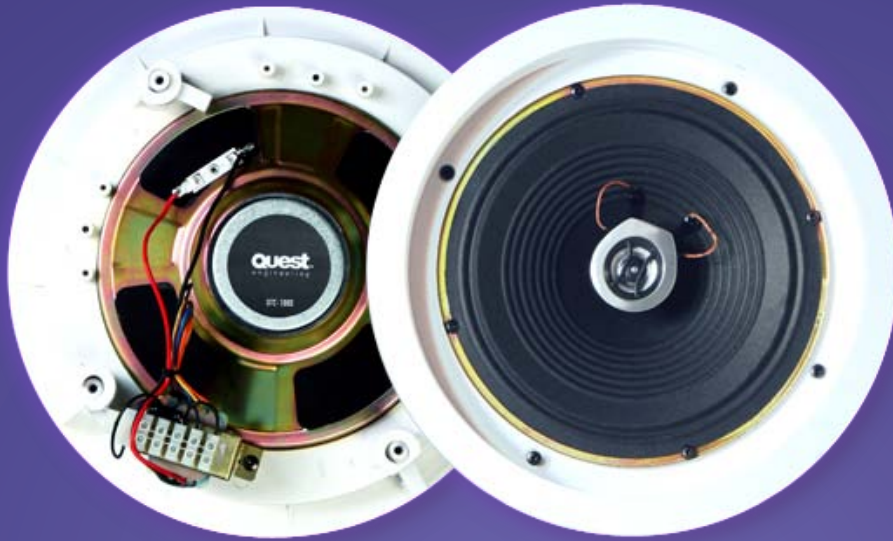
Dimensions: 385 x 385 x 302mm

Mounting: Hook



Q-Tech Commercial Series

QTC1080 CEILING SPEAKERS



The Quest Q-Tech series QTC1080 ceiling speaker is a 5 tapping 15 watt 100/70V line 2-way speaker that is optimised for wide dispersion high intelligibility vocal coverage in commercial environments.

An added bonus is EWIS compatibility with capacitor line monitoring and the speaker's light weight makes it an easily flush-mounted ceiling speaker in false or plaster ceilings or panels.

| | |
|--------------------|--------------------|
| Type | 8" + 1" tweeter |
| Speaker Type | Coaxial |
| Rated Power | 20w |
| Speaker tapings | 15w, 10w, 5w, 2.5w |
| Line Voltage | 100/70V |
| Sensitivity | 87dB |
| Frequency response | 80Hz-18KHz |
| Hole size | 252mm |
| Weight | 1.2Kg |



Q-Tech Commercial Series

QTC2000 SERIES CEILING SPEAKERS

100V ceiling speakers that are 100 percent High output, high efficiency and high vocal definition; this trio is the objective and many claim it, but few can make it happen across an entire product range. Quest Q-Space 100V speakers not only meet this specification but also add reliability. Quest Engineering QTC range of flush mounted 100v ceiling speakers have been built in two versions, either with a back can or without. All speakers are Co-Axial for improved intelligibility and offer excellent intelligibility. All speakers in the range are of a 'fast fit' nature, featuring white metal grills.



QTC 2060BC

| | |
|--------------------------|---|
| Type: | Two - Way ceiling speaker with plastic back can |
| Cover/Material: | Fire resistant plastic vented enclosure + metal grill |
| Speaker Unit: | 5.5" with 3/4" tweeter coaxial |
| Power Handling: | 30W / 40W |
| Impedance: | 70V / 100V / 8Ω |
| Sensitivity: | 90dB |
| Freq. response: | 90-20KHz |
| Connector : | Phoenix in/out |
| Tapings: | 30w, 15w, 7.5w and 3.5w |
| Installation: | Flush mount fast fit |
| Hole dimension: | Φ210mm |
| Depth from Flange | 140mm |
| Weight: | 2.1Kg |

QTC 2080BC

| | |
|--------------------------|---|
| Type: | Two - Way ceiling speaker with plastic back can |
| Cover/Material: | Fire resistant plastic vented enclosure + metal grill |
| Speaker Unit: | 6.5" with 3/4" tweeter coaxial |
| Power Handling: | 50W / 55W |
| Impedance: | 70V / 100V / 8Ω |
| Sensitivity: | 92dB |
| Freq. response: | 80Hz-20KHz |
| Connector : | Phoenix in/out |
| Tapings: | 50w, 25w, 12.5w, 6w, 3w & 8Ω |
| Installation: | Flush mount fast fit |
| Hole dimension: | Φ248mm |
| Depth from Flange | 180mm |
| Weight: | 2.8Kg |



Q-Tech Commercial Series



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