

# MUK420

## Amplifiers

The MUK Series is the result of an in depth study, in order to reach the best compromise between economy and performance, taking advantage of the latest improvements in automated mixed surface mount and through whole electronic assembly.

The MUK Series is a project based on an upside down mono-block approach, offering an all-in-one power module that contains the entire amplifier assembly.

Simplicity and effectiveness run hand by hand through the entire design to obtain an effectively skilled and workable product.

The last generation Quanta-Pulse switching power supply reaches a new level of refined sensing and control of the power flow.

The cost-effective MUK Series amplifiers are packed with solid and convincing arguments for the professionals searching for quality, reliability and value.



### OUTPUT POWER

20Hz-20kHz, 0.1% THD

| @2 Ω      | @4 Ω      | @8 Ω      | Bridge @4 Ω | Bridge @8 Ω |
|-----------|-----------|-----------|-------------|-------------|
| 4 x 410 W | 4 x 340 W | 4 x 180 W | 2 x 820 W   | 2 x 680 W   |

### Output Power

Continuous Average Power  
 RMS, 1kHz, 1.0% THD+N

|                              |            |
|------------------------------|------------|
| @2 Ω                         | 4 x 500 W  |
| @4 Ω                         | 4 x 400 W  |
| @8 Ω                         | 4 x 210 W  |
| Bridge @4 Ω                  | 2 x 1000 W |
| Bridge @8 Ω                  | 2 x 800 W  |
| Pink Noise 12dB Crest Factor |            |
| @2 Ω                         |            |
| @4 Ω                         |            |
| @8 Ω                         |            |

### Frequency Response

|                         |             |
|-------------------------|-------------|
| Power Bandwidth ±0.25dB | 20Hz-20Khz. |
|-------------------------|-------------|

### Phase Response

|                     |  |
|---------------------|--|
| @ 1 watt 20Hz-20kHz |  |
|---------------------|--|

### Total Harmonic Distortion

|            |        |
|------------|--------|
| 20Hz-20kHz | <0,05% |
|------------|--------|

### Damping Factor

|                 |      |
|-----------------|------|
| 20Hz-500Hz @8 Ω | >400 |
|-----------------|------|

### Intermodulation Distortion

|       |  |
|-------|--|
| SMPTE |  |
|-------|--|

|                  |        |
|------------------|--------|
| <b>Crosstalk</b> |        |
| 20Hz-20kHz       | > 75dB |

|                     |       |
|---------------------|-------|
| <b>Voltage Gain</b> | 32 dB |
|---------------------|-------|

|                    |        |
|--------------------|--------|
| <b>Sensitivity</b> |        |
| Rated Power @8 Ω   | 1,9 dB |

|                              |        |
|------------------------------|--------|
| <b>Signal-to-Noise-Ratio</b> |        |
| Unweighted                   | 116 dB |

|                                    |      |
|------------------------------------|------|
| <b>Power consumption full load</b> | 11 A |
|------------------------------------|------|

**Required AC Mains**  
 230 V - 50 Hz (idle)

|                        |  |
|------------------------|--|
| @4 Ω (1/8 rated power) |  |
|------------------------|--|

|                        |  |
|------------------------|--|
| @8 Ω (1/8 rated power) |  |
|------------------------|--|

### Dimensions

|                |                |
|----------------|----------------|
| W x H x D (mm) | 483 x 89 x 250 |
|----------------|----------------|

|                    |  |
|--------------------|--|
| W x H x D (inches) |  |
|--------------------|--|

### Weight

|     |     |
|-----|-----|
| Net | 6kg |
|-----|-----|