



creatif

Humm – Digital Sound Masking

Operation & Maintenance Manual

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Thank you for choosing Humm, a digital sound masking system from Creatif.

Humm works by adding a low level of unobtrusive noise to an environment.

This equalises ambient sound levels and effectively 'covers up' unwanted sound, increasing privacy and acoustic comfort in one fell swoop.

For technical drawings, please contact Creatif.

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Servicing

Do you have a problem with your Humm system, other acoustic issues or want to ask a question?

Email: service@creatif.org.uk

Guarantees

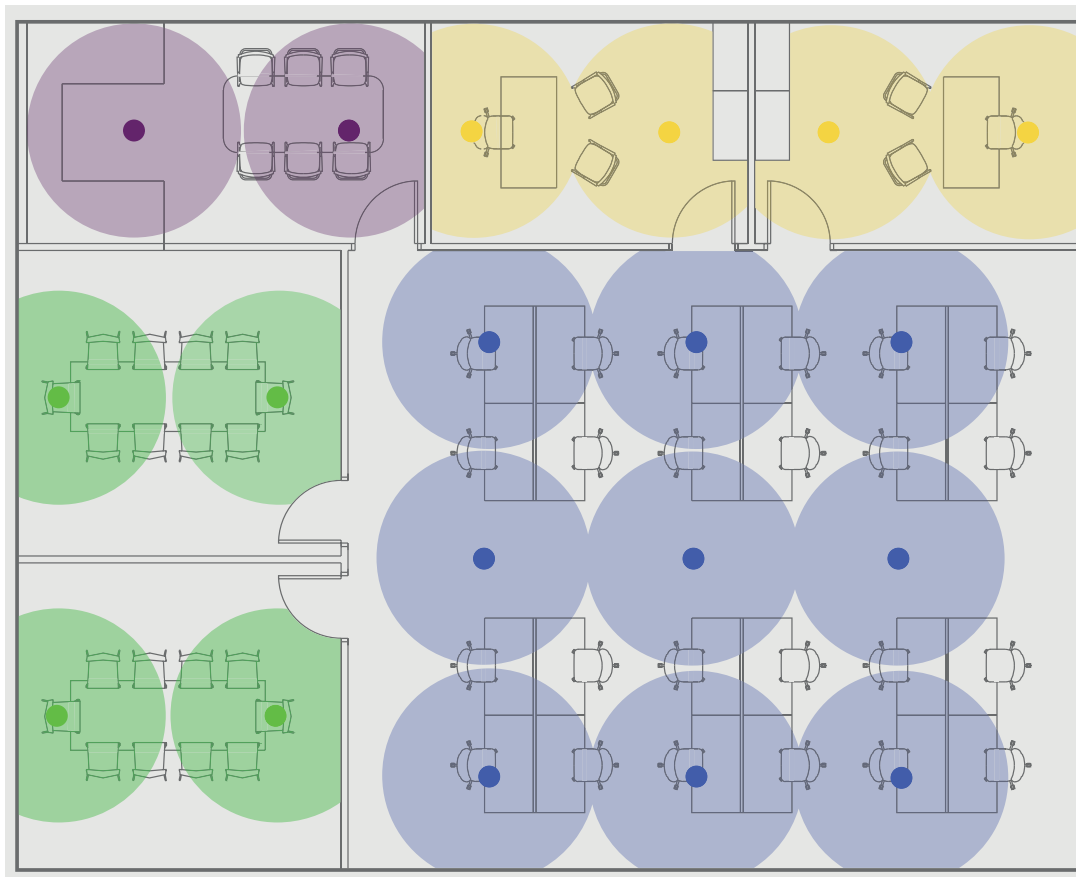
All materials are guaranteed for 12 months from the date of installation, with the exception of damage caused as a result of misuse or neglect.

03_Operation Guide

Once installed, Humm does not need any specific day-to-day guidelines for use.

Your system will have been design, installed and configured prior to handover. Depending on the complexity of the layout, your office may have 'zones' based on its specific acoustic requirements.

Each zone is managed by a corresponding control unit, which can be turned on or off via the unit's power switch.

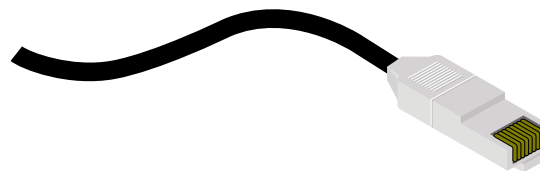
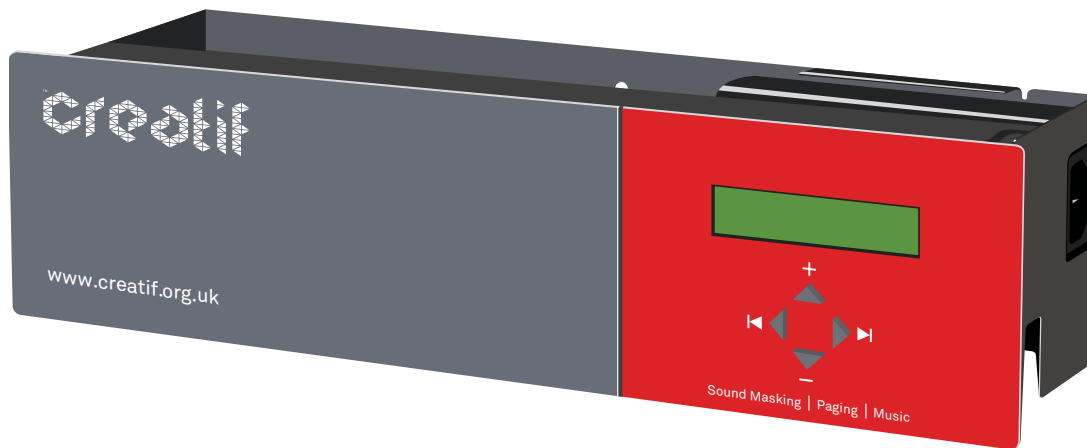


04_The Humm System

Humm consists of three simple components; emitters (loudspeakers), control modules, and the cables that connect the emitter to its corresponding control module.

The control modules may vary in size depending on the area of space that they manage. The three modules are:

- » Qt™ 100
- » Qt™ 300
- » Qt™ 600



05_ Humm Qt™ 100

The Qt™ 100 control module is a sound masking generator, controller and amplifier that comes with one aux. audio input to allow for distribution of audio from a paging controller or (background) music player.

The unit is a compact, one-zone controller suitable for installations of up to 12,000 ft² (1,115 m²) in size. Masking and auxiliary audio levels can be adjusted from the unit's front panel.

Dimensions	17.8cm x 8.9cm x 2.3cm
Weight	170g
Operating Temperature Range	4 - 32°C
Power Requirements	100-240V, 7W
Zones	1
Emitter Run Connector	RJ-45 (Bent 3-tyne)
Aux. Audio Inputs	1 fixed terminal block
Aux. Audio Input Level	-10dBV nominal, 2Vrms max
Emitter Capacity	60 per run, 120 in total
Max. Coverage Area (10' Ceiling)	12,000 ft ²
Masking Spectrum	Preset at factory to CSM standards
Module Control	Front Panel
Security	Software-based front panel lock; fixed terminal block contact closure



06_Humm Qt™ 300

The Qt™ 300 control module is a sound masking generator, controller, third octave band equaliser and amplifier, with two aux audio inputs to allow for distribution of audio from paging controllers and/or (background) music players.

The unit is a compact, three-zone networkable controller suitable for installations of up to 36,000 ft² (3,345 m²) in size. Each zone's masking and aux. audio levels can be adjusted from the unit's front panel or from a remote desktop.

Dimensions	27.9cm x 8.9cm x 9.7cm
Weight	680g
Operating Temperature Range	4 - 32°C
Power Requirements	100-240V, 15W
Zones	3
Emitter Run Connector	RJ-45 (Bent 3-tyne)
Aux. Audio Inputs	2 fixed terminal blocks
Aux. Audio Input Level	-10dBV nominal, 2Vrms max
Aux Audio Input Equalisation	Adjustable +/- 12dB in ISO standard octave bands
Emitter Capacity	60 per run, 120 per zone, 360 in total
Max. Coverage Area (10' Ceiling)	36,000 ft ²
Masking Spectrum	Preset at factory to CSM standards
Masking Spectrum Equalisation	Adjustable +/- 12 dB in ISO standard 1/3 octave bands
Masking Channels	4 per zone
Time of Day Masking Level Control	RTC with battery backup
Network Access	Yes
Security	“Hidden” front panel lock switch; username and password for network access; fixed terminal block contact closure.

07_Humm Qt™ 600

The Qt™ 600 control module is a sound masking generator, controller, third octave band equaliser and amplifier, with two aux audio inputs to allow for distribution of audio from paging controllers and/or (background) music players.

The unit is a compact, three-zone networkable controller suitable for installations of up to 72,000 ft² (6,689 m²) in size. Each zone's masking and aux. audio levels can be adjusted from the unit's front panel or from a remote desktop.

Dimensions	34.3cm x 8.9cm x 9.7cm
Weight	1.4kg
Operating Temperature Range	4 - 32°C
Power Requirements	100-240V, 27W
Zones	6
Emitter Run Connector	RJ-45 (Bent 3-tyne)
Aux. Audio Inputs	2 fixed terminal blocks
Aux. Audio Input Level	-10dBV nominal, 2Vrms max
Aux Audio Input Equalisation	Adjustable +/- 12 dB in ISO standard 1/3 octave bands
Emitter Capacity	60 per run, 120 per zone, 720 in total
Max. Coverage Area (10' Ceiling)	72,000 ft ²
Masking Spectrum	Preset at factory to CSM standards
Masking Spectrum Equalisation	Adjustable +/- 12 dB in ISO standard 1/3 octave bands
Masking Channels	4 per zone
Time of Day Masking Level Control	RTC with battery backup
Network Access	Yes
Security	“Hidden” front panel lock switch; username and password for network access; fixed terminal block contact closure

08_ Cleaning & Maintenance

All visible components of the Humm system (emitters, control unit) should only be cleaned with a dry cloth, and should be kept free from dust and dirt.

If the system does need recalibrating due to an office reconfiguration, please contact Creatif.



09_Contact

If you have any questions about your Humm system, please get in touch;

T: +44 (0) 113 270 1239

E: service@creatif.org.uk

www.creatif.org.uk



Do you have a question?

Want to discuss servicing options?

Get in touch!