

Oasis Qt™ - a generation ahead in sound masking for the workplace

Oasis Qt™ is a **Plug & Play, direct-field sound masking system** suitable for applications that range from ensuring confidential speech privacy in closed offices to reducing distraction and improving acoustical comfort in open plan areas. Installation size can range from small below 4,6 m², to unlimited size.

Applications:

- **Private offices and adjacent public spaces:**
Achieve confidential speech privacy in executive offices, counseling offices, law offices, medical examination rooms, human resource offices, pharmacy counters, bank teller windows, hospital reception areas, and many other spaces.
- **Open plan cubicle workspaces:** Reduce distractions while improving acoustical comfort and productivity in all centre and other open workspaces.
- **Extraordinary spaces:** Improve acoustical comfort and reduce reverberation and echoes in workspaces with high ceilings, exposed beams, reflective surfaces and non-standard ceilings.
- **Standard applications:** Workplaces with 2,4m – 4,0m suspended ceilings with any type of tile.
- **Non-standard applications:** Workplaces with high, open ceilings.
- **Any office configuration:** Any size space, ranging from 4,6m² to over 90000m²; A single floor or multi-buildings campus.

Privacy Standards:

In open Office environments, the **Oasis Qt™** sound masking system meets ASTM E1130 standards for "Normal Acoustic Privacy" – Articulation Index below 20% or Speech Privacy Index above 80%. The **Oasis Qt™** system meets this privacy standard at up to a 3dBA lower level than competing sound masking systems.



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Standard components:

- **Oasis Qt™ Emitter Kit** - Each kit includes four (4), multi channel emitters with pre-wired RJ-45 connectors and four (4) 4,9m plenum rated CAT 3 cables; each emitter covers 9m² or more in typical offices. Since the cable used are standard CAT 3 plenum-rated, additional cables can be easily made or configured on site.
- **Oasis Qt SPS-30™** - Each control module can support up to 30 emitters, covering spaces up to 270m².
- **Oasis Qt SPS-300™** - Each control module can support up to 300 emitters, covering spaces up to 2700m².
- **Wireless remote** - Controls system muting and volume. Eight (8) available volume adjustments range from low – 36dBA to high – 57dBA
- **Power supply** - 12VAC via 12 Watt UL/cUL-rated wall-mounted modular power supply.



Control Module:

- Generates four (4) channels of uncorrelated masking sound
- Each channel delivers power up to 0,5 Watts (SPS30) **OR** up to 5 Watts (SPS300).
- Provides balanced or unbalanced input for paging and / or background music.
- Control module is off-white and typically mounted in a data closet or other out-of-the-way-location.

Emitters:

- "Smart" emitters automatically select among (4) distribution channels to eliminate acoustical interference effects.
- Emitters are off-white but can be painted custom colors.

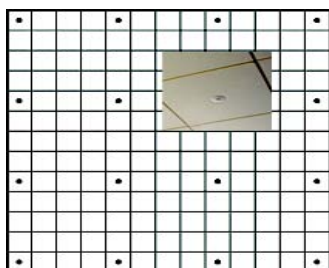
Power Supply:

- 12VAC via 12 Watt UL/cUL-rated wall-mounted modular power supply with 1,83 m power cord supplied in standard configuration

Installation & Interconnection:

- Emitters are **Plug & Play** – daisy chained together with pre-terminated, CAT3 plenum rated cables and industry standard RJ-45 connectors.
- Any required long home-run cables are easily made on site
- Emitters fit any ceiling tile from 1,3cm to 3,81cm thick.
- For ceiling tile installation, the required hole saw is included.
- Installation is on a simple grid pattern based on ceiling height. The grid dimension depends on ceiling height.

***A typical 2,75m ceiling is installed
on a (3 x 3m) grid.***



Product Variations:



- Ceiling tile type mount is most typical installation. However, using optional enclosures allow emitters to be attached to virtually any surface – beams, lighting fixtures, plasterboards, metal, wood, or even designed into furniture and office partitions.

Optional Paging and Music System:

- **Qt Quitepage™** module attaches to the **Oasis Qt™** sound masking system for a ready-made paging and background music solution, preventing the need for a separate paging or music system.
- Paging and music signals are distributed through sound masking cables and direct-field emitters.
- System configures for all-call or zone paging. Dedicated compressor, limiter and noise gate for each paging and music input
- Paging and music signals do not interfere with sound masking.

Cambridge Sound Management, LLC, located in Cambridge, MA, is the developer of **Qt Quiet technology™**, a low-voltage distributed audio system for sound masking, paging and background music distribution in the workplace. Our systems are sold by select partners worldwide; they are deployed in over 650000 m² of space. Installations range from modest home offices to spaces of unlimited size. Applications range from providing acoustical comfort in open workspaces to settings such as doctor's offices, where sound masking is used to ensure confidential speech privacy.

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