

Oasis Qt™—A generation ahead in sound masking for the workplace

Oasis Qt™ is a direct-field, plug-and-play sound masking system. Applications range from ensuring confidential speech privacy in closed offices to reducing distractions and improving acoustical comfort in open plan areas. Installation size can range from 50 square feet to over 1 million square feet.



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 call centers 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 8- to 13-foot suspended ceilings with any type of tile.
- **Non-standard applications:** Workplaces with high, open ceilings.
- **Any office configuration:** Any size space, ranging from 50 square feet to over 1 million square feet; A single floor or multi-building campus.

Privacy Standards:

In an open office environment, 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 3 dBA lower noise level than competing sound masking systems.

Standard Components:

- **Oasis Qt™ Emitter Kit**—Each kit includes four (4) multi-channel plenum-rated emitters and four (4) 16-foot plenum-rated CAT-3 cables with pre-wired RJ-45 connectors. In a standard office space, a single emitter can cover 100 or more square feet. Longer cables can easily be configured on-site.
- **Oasis Qt SPS-30™**—Each control module supports up to 30 emitters, covering spaces up to 3,000 square feet.
- **Oasis Qt SPS-300™**—Each control module supports up to 300 emitters, covering spaces up to 30,000 square feet.
- **Wireless remote**—Controls system muting and volume. Eight (8) available volume adjustments range from 36 dBA to 57 dBA.
- **Power supply**—12 VAC via a 12-watt UL/cUL-rated wall-mounted modular power supply.

Scalability, Coverage and Configuration:

- A single zone can range from 50 square feet to 30,000 square feet.
- Multiple zones can be created for flexibility, control and expansion.
- Coverage in any space can be expanded at any time by adding more emitters, up to the capacity of the control module.
- Individual power supply for each control module. Emitters do not require a separate power supply.
- All NEC class 2 distribution cabling can be installed by a low-voltage installer.



Control Module:

- Generates four channels of uncorrelated masking sound.
- Each channel delivers power up to 0.5 watts (SPS-30™) or 5 watts (SPS-300™).
- 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:

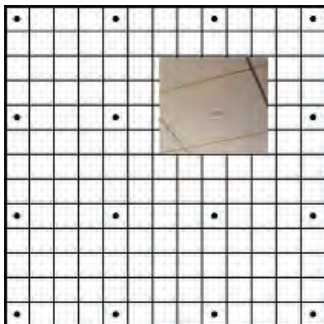
- “Smart” emitters automatically select among four distribution channels to eliminate acoustical interference effects.
- Emitters are off-white but can be painted custom colors.

Power Supply:

- 12 VAC via a 12-watt UL/cUL-rated wall-mounted modular power supply.
- 6-foot power cord supplied in standard configuration.

Installation & Interconnection:

- Emitters are plug-and-play—daisy chained together with pre-terminated, CAT-3 plenum-rated cables and industry-standard RJ-45 connectors.
- Any required homerun cables are easily made on-site.
- Emitters fit any ceiling tile from 1/2" to 1 1/2" thick. For ceiling tile installation, the required hole saw is included.
- Installation is on a simple grid pattern based on ceiling height. A standard 9' ceiling is installed on a 10' x 10' grid.



Product Variations:



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

Optional Paging and Music System:

- Qt *Quietpage™* 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 zoned 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 sound masking, paging and music system using cutting-edge distributed audio technology for workplace excellence. Our systems, deployed in millions or square feet, are sold by a worldwide network of select resellers and installers. Installations range from small offices to enterprise campuses of unlimited size and zones where centralized software control is needed. Applications include providing acoustical comfort in open plan spaces to ensuring confidential speech privacy in private offices. Cambridge Sound Management is a spin-off of two world-renowned companies: acoustical consulting firm, Acentech and technology innovator Bolt, Beranek and Newman. Qt PRO™, Oasis Qt™, Qt *Quiet technology™* and Sonet Qt™ are trademarks of Cambridge Sound Management, LLC.