

Qt PRO™ – Sound Masking, Paging and Music



Steelcase



Using QT Pro™ Sound Masking
to cover unwanted noise can help
workers connect and allow them to
be more productive through improved
acoustic privacy.



Noise levels are rising.

As work is becoming more collaborative and more space is devoted to team and group work, noise levels are rising in open plan environments. Recent studies show that noise is one of workers' top complaints, and that workers feel that their productivity would improve if their office was less noisy.

Several trends in office design also impact office noise levels:

- open plenum facilities without finished acoustical ceilings absorb less sound
- panel heights are lower with less surface area to block sound
- quieter HVAC systems cover less sound, making conversation and other incidental noise more pronounced

What is Sound Masking?

Sound masking is an airflow-type background sound added to an environment. This sound is designed to cover-up unwanted conversations because it contains the same frequencies as human speech. The sound masking easily blends into the environment and makes other conversations more difficult – or impossible – to understand, and therefore more private and less distracting.



Sound Masking is designed to cover:

- Human Voice (normal speech volume)
- Light office sounds such as keyboard typing and papers shuffling
- Some echoes in reverberant spaces
- Light traffic noise



Who needs Sound Masking?

- Open plan areas – where distracting conversations can affect productivity.
- Private offices and conference rooms – where confidentiality is required.
- Banks, pharmacies and waiting areas – where sensitive information is shared.
- Doctors', dentists' and other practitioners offices – where privacy is essential in confined environments.
- Libraries and other quiet spaces – where the lack of background noise makes every sound distracting.

Sound Masking can improve acoustical comfort in each of these environments.

Why Qt PRO™?

Designed and built by the acoustic professionals at Cambridge Sound Management, Qt PRO™ Sound Masking serves the needs of today's ever-changing workplace.

Integrated Paging and Music

Paging and music capabilities can be integrated facility wide or zoned throughout the space.

- Paging may be from PBX extension or paging microphone.
- Typically for reception, café, or waiting areas, music can be sourced from tuners, computer, or mp3 players.

Simple Layout and Installation

Ideally sound masking is considered early in any building or renovation process, however Qt PRO™ is easy to install in occupied spaces as well.

- Emitters are plug and play and interconnected with low-voltage cable.
- Emitters fit any ceiling tile from ½ — 1½" thick.
- Ceiling tile-mount is the most typical installation. However, emitters may be installed in optional enclosures for attachment beams, lighting fixtures, sheetrock, metal or wood ceilings.

Networked Software Provides Flexibility and Control

Qt PRO™ system is controlled by a local area network connected computer by using the pre-installed system software. No software needs to be loaded onto facility computers. The software allows remote control of:

- time-of-day ramping
- equalizer functions by acoustic professionals
- email notification of problems
- day/night customization.

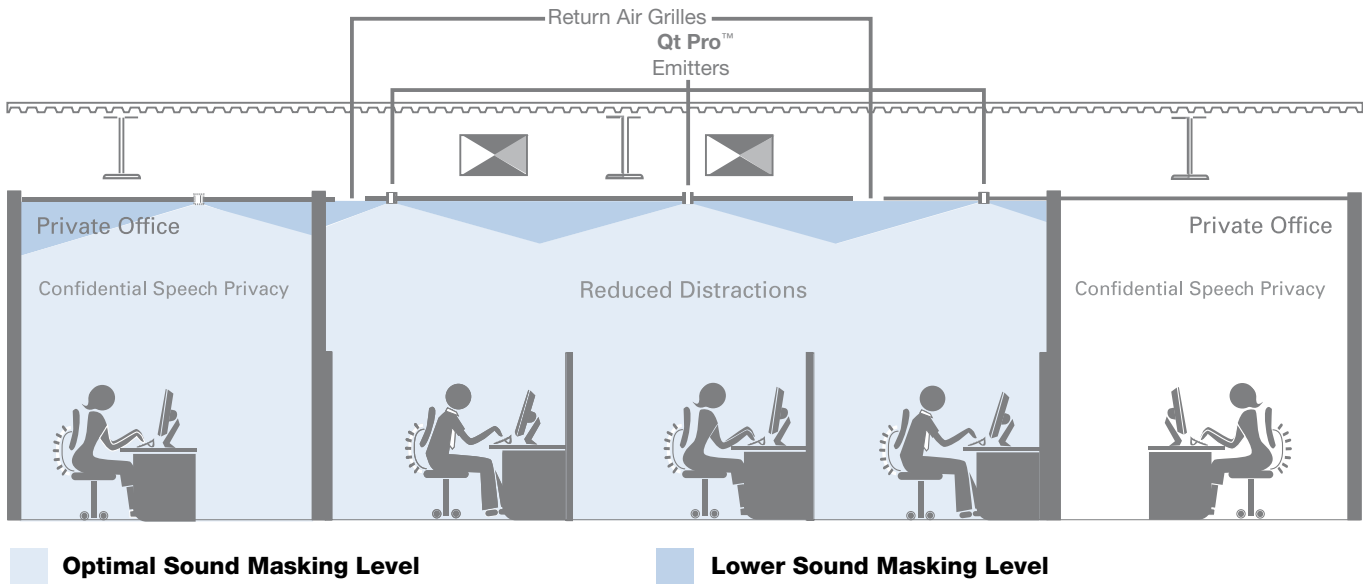
Qt PRO™ can also be controlled at the control module's touch pad screen.

Energy Efficient

Qt PRO™ Sound Masking system is low voltage and uses less than 8 watts per zone or 40 watts per control module, the lowest power consuming system in the industry.

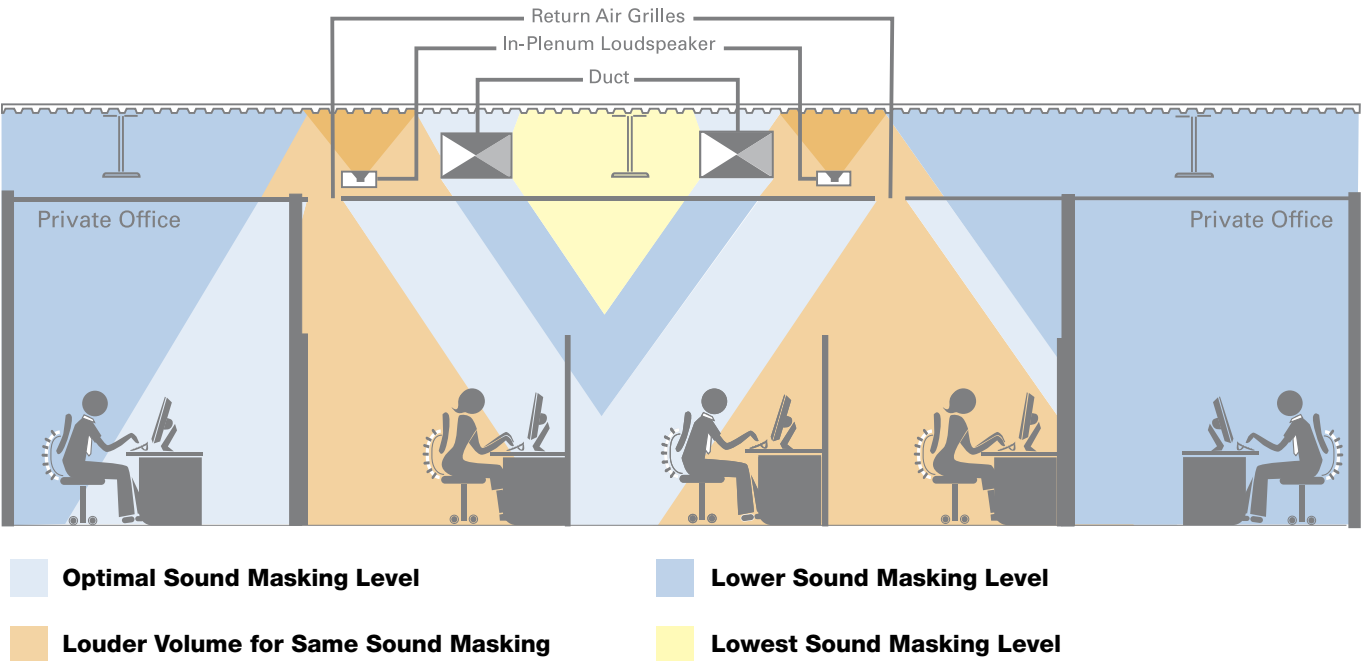
Direct-Field System | Qt PRO™ Sound Masking System

Qt PRO Sound Masking Systems project sound directly into the workplace. Miniature emitters disperse a uniform, pre-programmed sound that requires no tuning. The result is a quieter, far less complicated system that requires very little power.



Standard In-Plenum Systems

Plenum-based systems use large, paint can-like loudspeakers that are installed above the ceiling tiles. Sound is projected upward and bounces off the ceiling deck, through the ceiling tiles and into the workspace below. Despite a complicated tuning process the resulting sound field is often uneven. Noise frequently spills into unintended spaces such as private offices. These systems involve a great deal of tuning effort and power consumption for a lower quality result.



Qt PRO Statement of Line



Control Modules

Qt PRO 900 – Three Zone Control Module. Supports up to 1,080 emitters on three sound masking zones, covering up to 108,000 square feet.
Qt PRO 1500 – Five Zone Control Module. Supports up to 1,800 emitters on five sound masking zones, covering up to 180,000 square feet
length: 12", width: 11.5", depth: 4.7", weight: 6lbs

Includes: Preloaded control software, music and paging input jacks, installation and operations guide, power cord, attachment hardware, two keys, cable ties, hole saw driver bit, hole saw blade

Emitters

Emitters are used to project sound masking, paging and music. Each emitter includes a 16' cable used to connect to adjacent emitters; Four pack emitter and forty-eight pack emitters are available.
width: 3½", height: 2½".

Mounting Components

Include external mounting bracket, external mounting clamp and drywall mounting bracket.

Cabling and Components

Cables are plenum-rated with RJ-45 jacks on both ends; available in 10', 25', 50', 75' and 100' lengths. Components include splitters and couplers.



Steelcase is committed to creating great experiences wherever work happens. Anywhere in the world. We offer the broadest range of services and products — furniture, interior architecture and technology solutions — to help our customers create high performance spaces that build their business, reflect their brand and support their culture.

We're unique from everyone else in our industry, in that we offer products and services founded in a research methodology that focuses on the user, and how they really work.

We are committed to maintaining our leadership role in terms of sustainable responsibility, and we are equally committed to the customers and designers that we work with. Our job is to make your job easier. **Our passion is helping you Love How You Work®.**

Global Dealer Network

With a network of over 800 experienced dealers, we can help you create high performance, sustainable workspaces, anywhere in the world. Our network offers you local expertise with global reach. Whether your project is across town across the country, or across the ocean, our dealer network will coordinate the logistics so you don't have to. It's local expertise with a global reach.

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Our extensive range of services can help you through all of the phases that a high performance environment evolves through: Measure. Explore. Plan. Provide. Manage.

Measure—helping you know if your workplace is keeping pace.

Explore—helping you link your business goals with the best workplace strategy.

Plan—helping you find a solution for that addresses your needs.

Provide—helping you every step of the way, from project management to move management.

Manage—helping you maintain an effective space for today and tomorrow.

Warranty

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