



DJ Booth Suggestions

Since every rink has a different sized space to work in, each booth gets designed differently. It is always best if the DJ is facing the skating floor when he is speaking into the microphone, which is mounted beside the mixer. Here are some general considerations:

Your DJ will probably work standing up and may have skates on. Make the counter height suitable.

Your mixer and CD remote will mount in the counter top. Plan for slant sides and the opening elevated about 2"-3" in the back. Refer to image above. The face plate sizes can vary in height but are usually 10.5" tall and always 19" wide. Do not make the cut-out until the equipment is on site.

The rest of the equipment will install in a rack that is part of the Speaker and Amplifier package and can vary in height. All racks are 20.4" wide and 18" deep. The CD transport is located in the rack and must be within easy reach of the DJ.

Construction in the DJ booth should be completed before the arrival of our technician. This includes the counter top and all electrical.



Professional Dual Tray CD/MP3 Player

Control System

The control system contains all of the sound source devices and controls that are located in the DJ booth. This includes:

- Professional audio mixer
- Dual tray CD/MP3 player
- Digital signal processor
- Microphone and boom
- Audio Lite microphone switch
- Power conditioner
- All interface cables

Audio Mixer



Professional and dependable four channel mixer can mix up to 8 music inputs and two microphones. Easy to learn controls with powerful features make it perfect for novice or pro.

Signal Processor



Our digital signal processor puts many of the required tasks into one compact but high quality unit. These tasks include compression, limiting, equalization and crossover. After our technician properly adjusts all functions, he will "lock-out" the face plate so curious DJs cannot make any changes. Each time the system is powered up, the name of your rink will appear on the screen, assuring that the settings are correct.

Equipment only.....	\$2,023.00
Installed and programmed.....	\$2,770.50

Prices do not include travel expense or freight. Prices current at time of printing. Subject to change without notice.

Speaker & Amplifier Packages

For Skating surfaces under 65' wide

This is a very popular system for small to medium sized rinks. The extra-wide 90 degree dispersion of the ZX4 speaker allows us to get very even coverage even close to the walls. The ZX4 is part of the Electro-Voice portable series but also has certified suspension points for safe installation. It must be flown in the vertical position which means it will hang down about 30".

It features a 15" woofer and a 1.25" compression driver mounted to a patented Constant-Directivity horn. Program power handling is 800 watts with a maximum calculated output of 132 db. It has a smooth black finish so it is easy to clean and will keep looking good for years. It features a 5 year limited warranty from Electro-Voice.



**Electro-Voice
ZX4
Speaker**

The PLX2 Series amplifiers from QSC are the second generation of this concert series amplifier. Using a patented PowerLight power supply, they provide large amounts of power very efficiently and from a very light-weight package. As used in our system, they deliver 550-900 watts per channel, both channels driven, full frequency with just 0.05% Total Harmonic Distortion. That is a very respectable rating for any amplifier at any price!

Components of System

This system includes the following items:

- Electro-Voice ZX4 speakers
- QSC PLX 3102 amplifiers*
- 12 gauge, high strand count cable
- Connectors
- Equipment rack for amplifiers and control system
- Certified fly kits for speakers
- All interface Cables

*While these amplifiers are rated at a minimum of 2 ohms, we run all amplifiers at a minimum of 4 ohms to lower operating temperature and increase life span.

Skating Surfaces up to 100' (6 speakers, 2900w)
Equipment only..... \$ 8,635.00
Installed and programmed..... \$11,950.00

Skating Surfaces up to 140' (8 speakers, 3600w)
Equipment only..... \$10,576.00
Installed and programmed..... \$14,996.00

Skating Surfaces up to 170' (10 speakers, 4700w)
Equipment only..... \$13,903.00
Installed and programmed..... \$19,590.50

Prices do not include travel expense or freight.
Prices are current at the time of printing.
Subject to change without notice.



**QSC PLX 3102
Professional Amplifier**

Speaker & Amplifier Packages

For Skating surfaces OVER 65' wide plus any rink desiring extreme volume

This system is, by far, our most popular. It features the EVF permanent install speaker from Electro-Voice that is designed to be suspended. That means no handles and no feet for a more attractive installation. It also has multiple certified suspension points for safe installation. Because the horn can be rotated we can fly this speaker either vertically or horizontally which allows it to be used even in low ceiling applications.

It features a 15" woofer and a 2" compression driver mounted to a Constant-Directivity horn. When suspended horizontally, it hangs down just 19 inches. Program power handling is 1000 watts and maximum calculated output is 134 db. This is a 70 lb powerhouse! It is finished in a smooth black or white finish that is similar to a spray-on truck bed liner so it is easy to keep clean and will keep looking good for years. It features a five year limited warranty from EV.



**Electro-Voice
EVF
Speaker**

The PLX2 Series amplifiers from QSC are the second generation of this concert series amplifier. Using a patented PowerLight power supply, they provide large amounts of power very efficiently and from a very light-weight package. As used in our system, they deliver 725-1100 watts per channel, both channels driven, full frequency with just 0.05% Total Harmonic Distortion. That is a respectable rating for any amplifier at any price!

Components of System

This system includes the following items:

- Electro-Voice EVF speakers
- QSC PLX 3602 amplifiers*
- 12 gauge, high strand count cable
- Connectors
- Equipment rack for amplifiers and control system
- Certified fly kits for speakers
- All interface Cables

*While these amplifiers are rated at a minimum of 2 ohms, we run all amplifiers at a minimum of 4 ohms to lower operating temperature and increase life span.

Skating Surfaces up to 140' (8 speakers, 4400w)
Equipment only..... \$18,640.00
Installed and programmed..... \$22,800.00

Skating Surfaces up to 170' (10 speakers, 5850w)
Equipment only..... \$24,083.00
Installed and programmed..... \$29,445.50

Skating Surfaces up to 210' (12 speakers, 6600w)
Equipment only..... \$28,581.00
Installed and programmed..... \$35,763.50

Prices do not include travel expense or freight.
Prices are current at the time of printing.
Subject to change without notice.



**QSC PLX 3602
Professional Amplifier**

Subwoofers

Feel the Music!

A subwoofer system is intended to augment the low frequency range of the sound system. This will extend the frequency response and create a more full sound. Not only can subwoofers extend the bass response of your system, but they also reduce the acoustic demands of your full-range speakers.

A subwoofer system will reproduce the extreme bass that skaters of today desire. We offer sub options that may be suspended. If you have the space to set them on the floor they will play slightly louder. We can build a subwoofer system any size you desire. We have illustrated 5 of our most common packages.

ELECTRO-VOICE SUBWOOFERS



EVF single 18", 800 watt suspendible speaker with a calculated maximum output of 131db.



Tour X single 18", 1000 watt floor speaker with a calculated maximum output of 132 db.



EVF twin 15", 2000 watt suspendible speaker with a maximum calculated output of 137db.



Tour X twin 18", 2000 watt floor speaker with a calculated maximum output of 138 db.

QSC AMPLIFIERS



System #1 (1450 watts) Suspendible

- 2 ea. EV EVF single 18" subwoofers
- 1 ea. QSC PLX 3602 amplifier
- 12 gauge, high strand count cable
- Connectors
- Certified fly kits for speakers

Equipment only..... \$ 5,123.00

Installed and programmed..... \$ 6,195.50

System #2 (5000 watts) Suspendible

- 2 ea. EV EVF twin 15" subwoofers
- 1 ea. QSC PL 380 amplifier
- 10 gauge, high strand count cable
- Connectors
- Certified fly kits for speakers

Equipment only..... \$ 7,495.00

Installed and programmed..... \$ 8,665.00

System #3 (1450 watts) Floor

- 2 ea. EV Tour X 18" subwoofers
- 1 ea. QSC PLX 3602 amplifier
- 12 gauge, high strand count cable
- Connectors

Equipment only..... \$ 3,437.00

Installed and programmed..... \$ 4,639.50

System #4 (5000 watts) Floor

- 2 ea. EV Tour X twin 18" subwoofers
- 1 ea. QSC PL 380 amplifier
- 10 gauge, high strand count cable
- Connectors

Equipment only..... \$ 5,723.00

Installed and programmed..... \$ 6,958.00

System #5 (10,000 watts) Floor

- 4 ea. EV Tour X twin 18" subwoofers
- 2 ea. QSC PL 380 amplifier
- 10 gauge, high strand count cable
- Connectors

Equipment only..... \$11,424.00

Installed and programmed..... \$13,894.00

Note: Crossover function is provided by the digital signal processor in the control system. Prices do not include travel expense or freight. Prices are current at the time of printing. Subject to change without notice.

Paging System

Audio Lite high performance music systems are designed to cover the skating floor with music and voice. We purposely aim the speakers in such a manner as to keep the sound concentrated on the main floor and out of the service areas. To increase the clarity of your microphone announcements, add our paging system.

Additional paging speakers add microphone announcements only to various off-skating areas such as the game area and snack bar. Now you can be sure that everyone is hearing your advertisements!

As with our full-range systems, we use only Electro-Voice professional speakers and QSC amplifiers.

Extra microphones can make your operate more smoothly. Common places for these extra microphones are in the ticket office for telephone pages and in the snack bar or birthday party area so the party hostess can announce the birthdays. Since the people using these extra microphones do not have the ability to turn down the music when they talk, our system does it automatically! When the announcement is finished the music is smoothly restored to its previous level.

To mix and process the new microphones we use Rane commercial processing components. Rane products are known for their high quality sound and rock-solid reliability.



Each paging system is unique just as every rink design is unique. For illustration only, we have shown here the components and pricing for a system with the following features:

- 2 extra microphones (Max 4)
- Rane microphone mixer
- 2 Audio Lite microphone switches
- 2 Goosenecks
- Rane automatic ducker
- Two paging speakers (2 areas)
- QSC amplifier
- All cables, connectors and splitters.

Equipment only.....	\$ 3,933.00
Installed and programmed.....	\$ 5,493.00

We also have a smaller system that does not include automatic ducking. It consists of:

- 1 Electro-Voice speaker
- QSC amplifier
- Audio Lite mic switch
- All cables, connectors and splitters.

Equipment only.....	\$ 1,519.00
Installed and programmed.....	\$ 2,201.50

Prices do not include travel expense or freight. Prices are current at the time of printing. Subject to change without notice.

Wireless Microphone

Adding a wireless microphone allows your DJ to get really involved with the games. With this microphone, your DJ can go anywhere in the rink to interact with the skaters. It also works great if a minister wants to have a devotional during a church party.

Our AKG microphone system features:

- All metal case diversity receiver
- Automatic frequency setup
- Pilot Tone prevents unexpected start-up noise
- Infrared link of all frequency and setup data to the transmitter
- Up to 14 hours battery life and battery status information in hours

The microphone head is the same as the rest of the microphones in your sound system, assuring that all your microphones will have the same "sound".

**AKG
WMS470 D5**



Wireless Microphone & Cable

Equipment only.....	\$ 518.00
Installed and programmed.....	\$ 550.50

Special Needs

*Need your sound system to do something we haven't covered?
Just let us know. Solving unsolvable problems is one of the things that makes our work fun!*

Remote Master Control

Because most skating centers typically use entry level staff, many owners elect to have master control of the sound system in the manager's area. The DJ booth essentially becomes a satellite feed to main system. All of the sound that is coming from the DJ booth is now controlled by just one slider on the manager's mixer.

With this option we include a microphone, mixer and CD player in the manager's area. Now you can actually run a small party from the office!



Equipment only.....	\$ 1,454.00
Installed and programmed.....	\$ 2,072.00

***Proud to represent the following
quality manufacturers***

