

# Commercial Audio Design Assistance

**Projected Installation Date:**

**Projected budget for supply (our price to you):**

**Is this a new build, or working with existing equipment?**

- If existing equipment is required to be re-used, please provide details (sources, mixers, amplifiers, speakers, cabling, and so on).

**Please indicate the type of venue:**

- |  |                                      |  |   |  |
|--|--------------------------------------|--|---|--|
| <input type="radio"/> Retail           | <input type="radio"/> Restaurant/Bar | <input type="radio"/> House of Worship | <input type="radio"/> Board Room          | <input type="radio"/> Factory/Industrial     |
| <input type="radio"/> Office/Corporate | <input type="radio"/> Education      | <input type="radio"/> Multi-use Hall   | <input type="radio"/> Sports Club/Stadium | <input type="radio"/> Live Sound/Performance |
| <input type="radio"/> Other:           |                                      |  |   |  |

**What performance requirements are there?**

- Basic background music (BGM)
- High quality BGM
- Basic paging/public address (i.e. education or industrial)
- High quality speech (i.e. conference, transport, speeches)
- High quality live music (i.e. live bands)

**Will there be background noise, and if so, how loud will it be?**

- 30dB – quiet bedroom, 50dB – quiet office, 60dB – conversation, 70dB – street noise, 80-100dB – industrial, 120dB – loud concert or jet engine

**Audio sources required:**

- |   |  |  |   |                                 |
|---|--|--|---|---------------------------------|
| <input type="radio"/> Wired Microphone          | <input type="radio"/> Wireless Microphones | <input type="radio"/> Stereo Line Input (unbalanced) | <input type="radio"/> Tone Generator/Message Player | <input type="radio"/> Telephone |
| <input type="radio"/> Desktop/Paging Microphone | <input type="radio"/> Bluetooth/WiFi       | <input type="radio"/> AM/FM/DAB+                     | <input type="radio"/> Mixing Desk/Mixer             | <input type="radio"/> Dante     |
| <input type="radio"/> Other:                    |  |  |   |                                 |

**Cabling Distances, Equipment & Speaker Locations:**

Please include with this form any diagrams, mud maps or scaled plans for equipment locations

**Zones:**

- How many audio zones are required?
- Does each zone need independent source selection or will all zones hear the same thing?
- Does each zone need independent volume control?
- Will you have all equipment in one central location, or localised?

**Speakers:**

- Indoor or outdoor areas?
  - o For outdoor speakers, please indicate if salt-spray, direct water and humidity are likely.
- Are there design requirements for the speakers?
  - o For example: "in-ceiling speakers in the restaurant, edgeless design preferred"
  - o Or "narrow columns in our church hall, would prefer column speakers"
  - o Physical and style considerations?

**Control:**

- How do you want the client to control the system?
  - I don't want them to touch it - Set it, and leave it alone
  - o Basic control - Wall plates, press a button, simple.
    - App control - Easy control via smartphone/tablet or a higher-end wall controller
    - Serious control - RTI, Crestron, etc.

**Any additional comments/notes:**

Please complete this form and email to [sales@radioparts.com.au](mailto:sales@radioparts.com.au), along with any plans, design specifications and other information.