Music/sound system Guidelines for key common areas:

For key common areas, in which no individual room exceed 2500 sq. ft.:

1) The music system will have the following components:
    a. Speakers
    b. Amplifier
    c. Music Source: I pod dock/CD Player. In case there is a computer planned at the reception desk/concierge desk, then the computer will act as the source and no separate source will be required.

2) Speakers will always be in pairs. The no of speaker pairs is calculated as "One pair per 250 Sq Ft" for "Ordinary" speakers. A minimum of one Amplifier is required (can be shared across multiple rooms / lobbies) but the no of amplifiers will not increase as long as the no of speaker pairs does not exceed four (In the case of ordinary speakers). In case the no of speaker pairs is more than 4 but less than 10, then "High Impendence" speakers will need to be used instead of Ordinary speakers – In this case the same amplifier can support up to 10 pairs. If a multi-room design requires more than 10 speakers, it either has to be broken into multiple systems with separate amplifiers (each with less than 10 speakers) or a custom design has to be done using a consultant.

3) The above calculation is valid for all heights subject to the condition that in case of height being more than 12 ft, then the speakers will need to be placed on the wall at a height not exceeding 12 ft from the floor.

4) The speakers to be used will be "p-Audio" brand (Hi end/ Luxury/Supremus). P-audio is Taiwanese make. The cost of p-Audio is 4500/- per pair. Wherever High impudence speakers are to be used (as per point 3), there will be no cost difference but the lead time for the same is higher (3-4 weeks) since stocks are not readily available.

5) The Amplifier to be used will be of "Sonotone" make – The cost of an amplifier is around 15,000/-.

6) Cost of a basic ipod & dock will be in the range of Rs 10,000/-

7) It is important to ensure that the locations of the speakers and the Music source as per the above is frozen prior to start of flooring & plastering works since the conduiting/wiring will need to be put in place for the same.

8) Please note that the music system speakers cannot be the same as the PA system required for fire fighting. However, it is possible to connect a mike to the amplifier used in a music system and use this system for general announcements.

If the room size increases beyond 2500 Sq ft, then the system will have to be custom designed using a consultant, which can be required from the MEP package team.

Sound- PA System in common areas

In all Lodha projects (wherever applicable), following guidelines should be adhered to in design / usability of sound systems:

1. In key public areas (e.g. entrance lobby), public recreational areas / amenities wherever music is to be played (e.g. gym, mediation / yoga room, etc.), an appropriate sound system with speakers capable of providing decent sound quality has to be provided.
2. System should have ability to have separate music / tracks in following areas:
    a. Entrance Lobby (generally soft, melodious music). This can be shared with areas like party lounge, yoga room, business centre, library, etc. where soft melodious music is generally preferred.
    b. Gym (could be loud, 'filmy' music).
    c. Movie / theatre halls will have any separate sound system other than the one installed for purposes of movie playing.
3. This in addition to the public address system speakers which may be installed in these areas as PA system speakers do not offer good sound quality.
4. Once in use, FM should ensure that appropriate music is played (standardized music CDs for common areas) in these areas at suitable timings.