

tel: 01483 797242 fax: 01483 797256
email:chappie@soundbydesign.net



microphones

Symphotec Microphone System

Symphotec is a unique product, designed specifically for the close micing of orchestral instruments. It offers a discreet, compact solution to reinforcing orchestras for live performance and simultaneous recording.



Standard orchestral micing requires many microphones which, in turn, require many channels on the console. A full orchestra can mean a very large desk! Symphotec is designed to reduce the number of required channels considerably whilst maintaining engineering control of the original mix.

The System consists of specialised long bodied microphones on discreet, short stands, placed between pairs of musical instruments and connected to active routers. As soon as the microphones pick-up sound, these active routers automatically mix the respective groups of instruments by means of a patent microphone circuit and a single router (OMS-7) can control up to five short neck microphones. As a result, each group of instruments has its own router, which provides the mixing desk with a balanced output for further processing. As only routers affect the premix the number of input channels needed on the console is reduced considerably and an orchestra of average size needs no more than 20 channels.

Our system comprises a combination of 27 short neck microphones, all required routers/stands and comes complete in a single, custom made flightcase.



HIRE RATE: £350 PER DAY

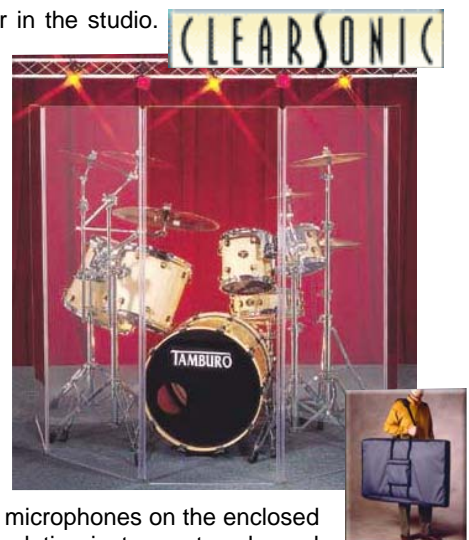
Foldout Perspex Drum Screens

Drum screens provide acoustic separation between instruments on stage or in the studio. This helps reduce drum bleed into vocal or instrument mics and lowers stage volume so that everyone can hear themselves better!

The screens are made of six 5½ foot high by 24 inch wide panels with durable, full-length transparent hinges allowing them to fold "accordion style" for easy transport and storage. They are made from a high quality, 1/4-inch thick clear acrylic and have cable cut-outs between all panels.

Monitor considerations: With properly placed panels, overall stage volume can be considerably reduced, cleaned up, and focused. Care must be taken to ensure that enclosed musicians have an effective way to hear other musicians, vocalists, etc. This might require the addition of a stage monitor speaker, headphone monitor, or an in-ear monitor. Due to an increase in volume levels on the musician's side of the panel, an enclosed performer would be wise to use some type of effective ear protection or monitor on headphones.

PA considerations: Use of the panels may also require the use of additional microphones on the enclosed instrument. This in turn will give the engineer much more control over the relative instrument and vocal levels. This will also allow the enclosed instrument to be more effectively processed and EQ'd, thus producing a greatly improved overall sound.



HIRE RATE: £33 PER DAY

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