



Ultimate speaker - full range

FD0590 is the simple full range paper cone speaker with the construction of mechanical two way. The full range speaker which can cover the wide frequency range of which a multi way speaker system have to cover it by multiway units of a woofer, or a mid bass and a tweeter might be a ultimate style of speaker unit.

The full range speaker is much superior to a gathering of different type speaker units which are hard to reproduce the systematic sound in sound unification.

Besides the full range speaker does not need any passive or electric crossover which easily deteriorates the sound quality and the efficiency, and which can avoid the lack of musical information in and around a crossover point.

The full range speaker will be most suitable for the listeners who intend to listen to music by the high quality and interesting sound.

FD0590 is the just size unit between 4 and 6.5 inches which has a excellent balance of the construction of the cone assembly which attains the high sound density and sonic speed. FD0590 reproduces a warm hearted sound filled with the vast sound informations and its sound characteristics is really organic.

It's a just masterpiece of the full range.

FD0590 5 inches full range speaker

Music power : 100W / frequency response : 90-20,000Hz / outer diameter : 148mm / installing hole diameter : 120mm / installing depth : 57mm

T&S parameter of FD0590

| | | | | | | | |
|---------------|----------|-----------------|--------|---------|-------------|-------|----------|
| MANUFACTURER | PHASS | ZMax Added Mass | 9.7780 | BL | 4.3934 | LCES | 9.6770 |
| MODEL | FD0590 | ZMax Known Vol | 0.0000 | VAS | 5.2490 | CMES | 313.7292 |
| DATE | 2011 | Z F1F2 | 8.4752 | dB SPL | 88.1657 | RES | 7.9017 |
| Fs | 91.3425 | Re | 5.4000 | L 1kHz | 0.4197 | MMD | 5.5995 |
| Fs Added Mass | 39.7007 | Rms | 2.4427 | L 10kHz | 0.2013 | RMT | 6.0171 |
| Fs Known Vol | 0.0000 | Qms | 1.4228 | CAS | 3.759050E-8 | eta | 0.3950 |
| Added Mass | 26.0000 | Qes | 0.9723 | RAS | 32579.1000 | Z Min | 6.0786 |
| Known Vol | 0.0000 | Qts | 0.5776 | MAS | 80.7637 | Z AVG | 10.1387 |
| Diameter | 105.0000 | Cms | 0.5014 | RAT | 80251.5400 | | |
| ZMax | 13.3017 | Mms | 6.0555 | SD | 0.0087 | | |