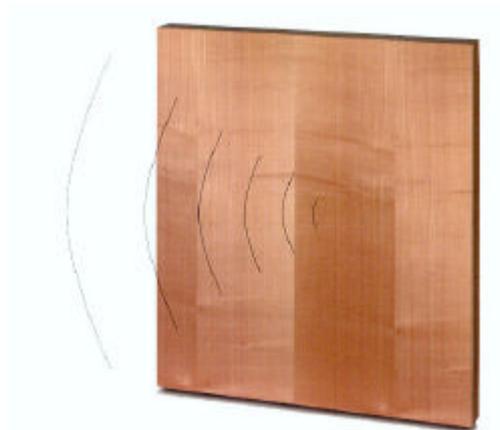


The SONUS INTARA flat-panel loudspeaker uses a new revolutionary speaker technology. For the first time, a loudspeaker is defined as an architectural component and can easily be integrated directly into the wall or ceiling leaving no visible joins. The speaker simply becomes a part of the building. The SONUS INTARA flat-panel loudspeaker work on the principle of a bending-wave transducer—comparable with acoustic musical instruments such as guitars and violins. In these instruments, the strings induce a resonance in the body of the instrument, which sets it into vibration. This vibration is radiated from the surface of the instrument as sound. The SONUS INTARA loudspeaker is also a vibrating resonance box, but it is excited by an electromagnetic moving coil system, the exciter. It has a very wide frequency range extending from 100 Hz to 18,000 Hz over the whole coverage of almost 180 degrees in both the horizontal and vertical dimension.

If one compares these characteristics with those of a conventional cone loudspeaker, the difference could be described in terms of the heat radiated from an open fire as opposed to that from a central heating system. The decrease in volume as a function of distance is also much less dramatic than with a conventional cone loudspeaker (3dB reduction with doubling of distance). These characteristics give the SONUS INTARA loudspeaker outstanding audio qualities. Thus, from the size of just 500 mm (20") x 700 mm (28"), a single loudspeaker can be transformed into a stereo loudspeaker. The basic module of our sound reinforcement concept is the installation and surface-mounted loudspeaker. The basic module offers full design flexibility to suit the needs of the respective application. Its size, surface and shape, in a two-dimensional sense, know almost no limits.

...some possible variations:

Direct artwork with paints; varnished surfaces; wallpapered surfaces; plastered surfaces; Surface reproductions; genuine wood veneers; Laminated posters; Inscriptions; Self-adhesive surfaces; Projection screen coatings



MODELS
INTARA 25 F INTARA 25 F-T 100 INTARA 50 F INTARA 50 F-T 100
Special sizes from 500 x 500 mm to 1800 x 2400 mm with power handling from 25 W to 300 W on request
ACCESSORIES
Installation kit

TECHNICAL DATA:	INTARA 25 (50)
Frequency range:	100 Hz - 18 kHz, ±3 dB
coverage:	180° x 180°
Power handling:	25 W (50 W) RMS
Impedance:	8 (4) Ohm
max. SPL:	95 (101) dB
Sensitivity:	82 (85) dB / 1 W / 1 m
Dimensions in mm (H x W x D):	700 x 500x 44
Dimensions external transformer T 100 model (mm)	92 x 60 x 52 (25-T 100) 92 x 60 x 58 (50-T 100)