



P8iW

In-Wall/In-Ceiling Speaker

Technical Specifications



- High-output architectural speaker with flexibility to be used for Top/Height, Wide, Main and Surround channels
- Optimized for the placement requirements of immersive sound systems
- Based on Procella's award-winning P8
- Tweeter and waveguide are angled at 15° to enable direction of high frequencies to listening positions
- Square enclosure and grille ensure visual symmetry for all speakers in the room
- 1.5" compression driver on circular constant directivity waveguide: 90° symmetrical from 1.5kHz
- High-output 8" woofer with 50mm voice coil
- Identical Voice™ timbre-matched to Procella P860, P815, P610, P28, P8, P6 and P5
- Sealed-box design
- Both black and white grilles included

Impedance 8 Ohms nominal
Above 10 Ohms in working range,
phase angles less than 30 degrees

Power handling
Continuous 250 Watt
Peak 1,000 Watt

Sensitivity
1m/1W 92dB

Maximum SPL 122dB continuous, 128dB peak

Frequency response
-3dB points 70Hz and 20kHz

Dispersion pattern
-6dB Constant directivity;
90° symmetrical from 1.5kHz
with 15° tilt

Crossover 4th Order Linkwitz-Riley
1.6 KHz

Connectivity Gold plated spring terminals

Components
Midrange 8" high output driver with 50mm
voice coil in 26 litre sealed box
High Frequency 1.5" driver with a Polyester diaphragm on
elliptical constant directivity wave guide

Construction Void free MDF internally cross braced
Studio grade vinyl enclosure

Dimensions
HxWxD 530 x 530 x 179 mm
20.875" x 20.875" x 7"

Shipping Carton
HxWxD 600 x 600 x 400 mm
23.675" x 23.675" x 15.75"

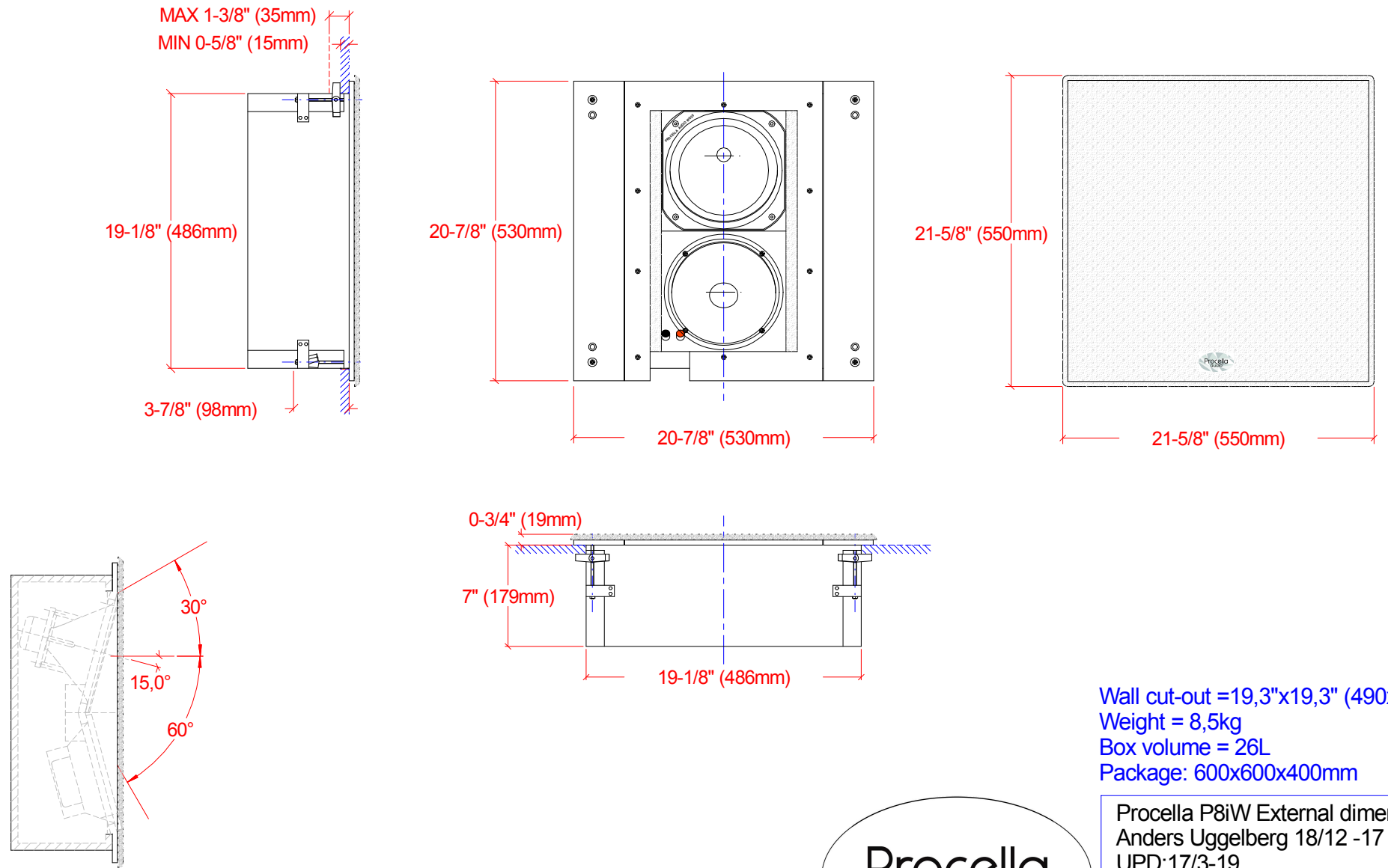
Net weight 12.9 Kg
28.5 Lbs

Shipping weight 17 Kg
37.5 Lbs

In the box Loudspeaker, black grille, white grille,
installation guide

Assembly Sweden; 100% QC testing

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Wall cut-out = 19,3"x19,3" (490x490mm)
Weight = 8,5kg
Box volume = 26L
Package: 600x600x400mm

Procella P8iW External dimensions
Anders Uggelberg 18/12 -17
UPD:17/3-19

P8iW_ext_dim.CAD 
Scale 1:10 (PDF/JPG-file not to scale)

