

# CELESTION

## Legacy Pro Audio

### TN1020



### 10-inch, pressed steel chassis, neodymium magnet mid/ bass driver

- Compact high flux Dual Magnet Motor design
- Vented cast aluminium heatsink

**300W**

Continuous power rating

**98dB**

sensitivity

**2in**

Round copper voice coil

### General Specifications

Nominal Diameter	254mm / 10in
Power Rating	150W
Continuous power rating	300W
EIA power rating	250W
Rated impedance	8 ohm
Sensitivity	98dB
Frequency range	65-4000Hz
Chassis type	Pressed steel
Magnet type	Neodymium
Voice coil diameter	50mm / 2in
Voice coil material	Round copper
Former material	Polyimide
Cone material	Kevlar loaded paper
Surround material	Cloth-sealed
Suspension	Single
Gap height (Hg)	8mm / 0.32in
VC winding height (Hvc)	12mm / 0.47in

### Mounting Information

Overall diameter	256mm / 10.08in
Overall depth	110mm / 4.3in
Cut-out diameter	229mm / 9.02in
Mounting hole dimensions	8x6mm / 0.31x0.24in
Number of mounting holes	8
Mounting hole PCD	245mm / 9.65in
Unit weight	1.5kg / 3.4lb

### Packed Dimensions & Weight

Single pack size W x D x H	280mm x 280mm x 120mm / x 11.0in 11.0in x 4.7in
Single pack weight	1.7kg / 3.7lb
Multi pack qty	96
Multi pack size W x D x H	1008mm x 880mm x 820mm / 39.7in x 34.6in x 32.3in
Multi pack weight	200kg / 440lb

### Frequency Response and Impedance Curves

### Parameters

Sd	346.36cm <sup>2</sup> / 53.69in <sup>2</sup>
Fs	95.00Hz
Mms	29.88g / 1.05oz
Qms	3.164
Qes	0.451
Qts	0.395
Re	5.63 ohm
Vas	16.01l / 0.57ft <sup>3</sup>
Bl	14.93Tm
Cms	0.09mm/N
Rms	5.63kg/s
Le (at 1kHz)	0.60mH
Xmax	2mm / 0.08in



