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Link do produktu: https://www.poweraudio.pl/scan-speak-illuminator-12mu4731t00-p-3141.html



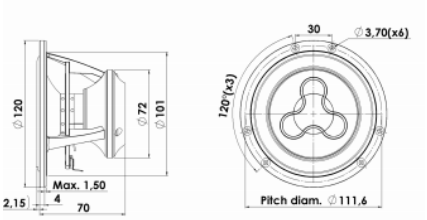
# Scan Speak Illuminator 12MU/4731T00

| | |
|---|---|
| Cena | **1 579,99 zł** |
| Dostępność | **Dostępność - 3 dni** |
| Czas wysyłki | **Do 24 godziny** |
| Producent | **Scan Speak** |

## Opis produktu

2MU/4731T00

The Illuminator midranges and midwoofers are in every aspect unusual designs with the open construction, the extremely long linear excursion and patented under-hung SD-3 (Symmetrical Drive) neodymium motor system, which due to copper caps and its construction ensures very low distortion, adding the unique patented cones, low-loss linear suspension the result is: “The Very Best Money Can Buy”!






KEY FEATURES:

- Under-Hung Neodymium Motor Design
- One Piece Cone-Dust Cap
- Very Wide Frequency Response 100-10KHz
- Patented Symmetrical Drive (SD-3)
- Low-Loss Linear Suspension
- High Output 90dB @ 2,83V

| T-S Parameters | |
|---|---|
| Resonance frequency [fs] | 64 Hz |
| Mechanical Q factor [Qms] | 3.64 |
| Electrical Q factor [Qes] | 0.26 |
| Total Q factor [Qts] | 0.24 |
| Force factor [Bl] | 5.1 Tm |
| Mechanical resistance [Rms] | 0.60 kg/s |
| Moving mass [Mms] | 5.4 g |
| Suspension compliance [Cms] | 1.15 mm/N |
| Effective diaph. diameter [D] | 86 mm |
| Effective piston area [Sd] | 58 cm² |
| Equivalent volume [Vas] | 5.4 l |
| Sensitivity (2.83V/1m) | 90 dB |
| Ratio Bl/√Re | 2.92 N/√W |
| Ratio fs/Qts | 264 Hz |

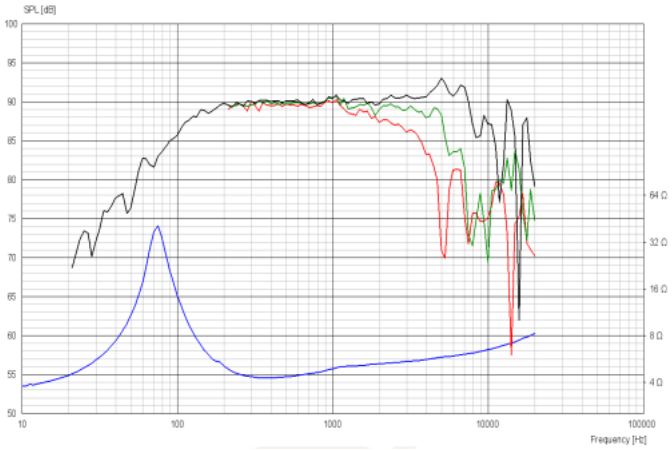
**Notes:**
IEC specs. refer to IEC 60268-5 third edition.
All Scan-Speak products are RoHS compliant.
Data are subject to change without notice.
Datasheet updated: February 22, 2011.

| Electrical Data | |
|---|---|
| Nominal impedance [Zn] | 4 Ω |
| Minimum impedance [Zmin] | 4.3 Ω |
| Maximum impedance [Zo] | 46.5 Ω |
| DC resistance [Re] | 3.1 Ω |
| Voice coil inductance [Le] | 0.11 mH |

| Power Handling | |
|---|---|
| 100h RMS noise test (IEC 17.1)* | 80 W |
| Long-term max power (IEC 17.3)* | 150 W |

*Filter: 2. order HP Butterworth, 200 Hz

| Voice Coil and Magnet Data | |
|---|---|
| Voice coil diameter | 32 mm |
| Voice coil height | 6 mm |
| Voice coil layers | 4 |
| Height of gap | 13 mm |
| Linear excursion | ± 3.5 mm |
| Max mech. excursion | ± 10 mm |
| Unit weight | 0.8 kg |


SPL [dB]
100
95
90
85
80
75
70
65
60
55
50
10
100
1000
10000
100000
Frequency [Hz]
64 Ω
32 Ω
16 Ω
8 Ω
4 Ω