

# SPIRIT M SERIES



**A perfect mix of form and function**



Soundcraft

# Spirit M Series specifications

## Frequency response

Mic/Line Input to any Output ..... +/-1dB 20Hz - 20kHz

## T.H.D.

Mic Sensitivity -30dBu, +20dBu @ all Outputs ..... < 0.008% @ 1kHz

## Noise

Mic Input E.I.N. (maximum gain, measured 22Hz - 22kHz, unweighted) ..... -128dBu  
 Aux and Mix Outputs (8 ch. routed, faders down, 22Hz - 22kHz, unweighted) .... < -84dBu

## Crosstalk

Channel Mute ..... < 90dB 20Hz - 10kHz, < 80dB 10kHz - 20kHz  
 Fader Cut-Off (ref. Fader 0dB) ..... < 90dB 20Hz - 10kHz, < 80dB 10kHz - 20kHz  
 Routing Isolation ..... < 90dB 20Hz - 10kHz, < 80dB 10kHz - 20kHz

## Input & output impedances

Microphone Input ..... ~ 2kΩ  
 Mono Channel Line Input ..... > 40kΩ  
 Stereo Input (Stereo Mode) ..... > 30kΩ  
 Stereo Returns ..... > 10kΩ  
 Headphones Output ..... ~ 40Ω  
 All Other Audio Outputs ..... 75Ω

## Input & output levels

Microphone Input Maximum Level ..... +12dBu  
 Mono Channel Line Input Maximum Level ..... +38dBu  
 Stereo Input Maximum Level ..... +21dBu  
 Headphones Output (into 200Ω) ..... 150mW  
 All Other Audio Outputs ..... +21dBu into 10kΩ

## Filter

HP ..... 100Hz, 18dB/octave

## EQ

HF ..... 12kHz, +/-15dB  
 MF ..... 240Hz - 6kHz, +/-15dB  
 LF ..... 60Hz, +/-15dB

## Dimensions

M4 (With sides) ..... 15.6"/397 (W), 4.7"/119 (H), 20.6"/523 mm (D)  
 M4 (W/O sides) ..... 14.7"/373 (W), 4.7"/119 (H), 19.3"/490 mm (D)  
 M8/12 (With sides) ..... 19.9"/506 (W), 4.7"/119 (H), 20.6"/523 mm (D)  
 M8/12 (W/O sides, rackmount) ..... 19.0"/483 (W), 4.7"/119 (H), 19.3"/490 mm (D)

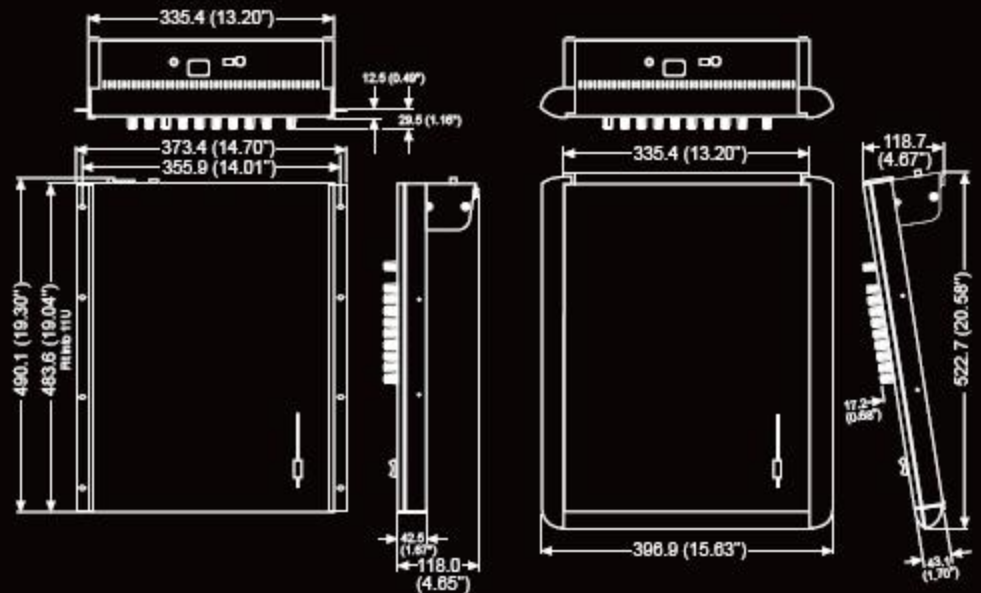
## Weight

M4 ..... 14.8 lbs / 6.75kg  
 M8 ..... 18.1 lbs / 8.25kg  
 M12 ..... 18.8 lbs / 8.55kg

Note - All figures are measured and monitored from real production units.



### M4 dimensions



### M8/12 dimensions

