

# TOWER 1216D digital

The unique Studiomaster Tower 1216D is the first portable column speaker system to include a fully fledged digital mixing system.

Based on the new Digilive 16RS digital mixer, the unit features 4th generation SHARC floating point processing, 24 bit/192 kHz AD/DA convertor, built-in programs ( DSP, reverb, delay, modulation and EQ and GEQ) 12 professional mic inputs and 4 line inputs, professional S/PDIF digital signal in/out connectors, 16 internal busses including 8 user-defined analogue smart outputs (2 for column and 6 for monitors and / or recording or submixing applications) plus AES/EBU output connectors, USB for playing / recording / scene saving and a wireless connection.

The user can control the full operation of the digital column speaker system via the built in 7" touchscreen or via the ios app, allowing a complete and simple set-up to be achieved from anywhere in your venue.

The configuration of the column speakers can be chosen with any one of our configured set-ups. Whether it is one sub or two, or a choice of 6 x 3" or 8 x 2" ultra compact speaker arrays.

This is a high power versatile system, ideal for a performances where high quality and high power is required, and space and weight restrictions mean you need an ultra compact system.

## 1216D COMPACT DIGITAL COLUMN SYSTEM



## SPECIFICATIONS TOWER 1216D

### SUB SPEAKER / AMPLIFIER

Speaker	1 x 12" ferrite woofer
Frequency response	45Hz - 180Hz
Sensitivity	95dB
Maximum SPL	124dB
Nominal impedance	8 ohms
Rated power	350W
Dimension(WxHxD)	376x453x458mm
Weight	25kg

### DIGITAL MIXER

	Channels	Description
MIC Input	12	8 x XLR / 4 x COMBO XLR / JACK
LINE Input	2 (Stereo)	two 6.35mm stereo Jacks, one 3.5mm stereo Jack in parallel with one stereo channel

Master output	2 Left/Right balanced XLR
Smart Outputs	6 assignable balanced XLR

Internal busses	16
Stereo Monitor	1 TRS Jack output
Headphone	1 TRS Jack output

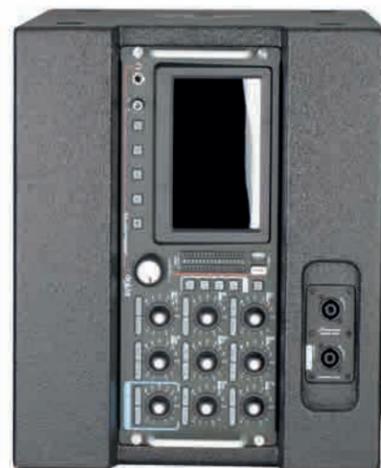
Operating System	Android system
Sample Frequency	48 KHz
AD/DA	192KHz, 24-bit
DSP	40-bit float point, SHARC processor
iPad Remote control	Yes

Effects up to 8 assignable effect modules (reverb, modulation, delay, 15 bands GEQ)

Digital input/outputs	
AES/EBU	Output (XLR)
S/PDIF	Input / Output (RCA phono)
USB Interface	2 for playback/recording, scene storage and system updates
Remote	yes via WIFI external module



**TOWER 1216D**



# TOWER column systems



**TOWER SYSTEM1**  
1 x TOWER 12  
2 x TOWER 8  
2 x STANDS, 1 x CABLE SET

**TOWER SYSTEM2**  
1 x TOWER 12, 1 x TOWER 12S  
2 x TOWER 8  
2 x SPEAKER POLES, 1 x CABLE SET

**TOWER 1216D SYSTEM4**  
1 x TOWER 1216D, 1 x TOWER 12  
2 x TOWER 8, 2 x POLES  
1 x MIXER STAND, 1 x CABLE SET



**TOWER SYSTEM3**  
1 x TOWER 12  
2 x TOWER 6  
2 x STANDS, 1 x CABLE SET

**TOWER SYSTEM4**  
1 x TOWER 12, 1 x TOWER 12S  
2 x TOWER 6  
2 x SPEAKER POLES, 1 x CABLE SET

**TOWER 1216D SYSTEM3**  
1 x TOWER 1216D, 1 x TOWER 12  
2 x TOWER 6, 2 x POLES  
1 x MIXER STAND, 1 x CABLE SET

Optional wheeled flightcase to take complete system is available.

# TOWER *column systems*

# LIVE / PA SPEAKER CABINETS



The Tower column speaker system, is a highly developed compact column line array system. Available in several different configurations from the ultra compact 8x2" array with a 12" sub, to a high power 6x3" array paired with a 12" sub cabinet.

The MHF column speakers are passive, with all amplification in the sub cabinets. The subs have multi-channel amplifiers, with DSP speaker processing technology built-in, so you will be able to tune your speaker to the perfect sound, whatever venue you are performing.



SPECIFICATION	TOWER 6
Transducer	6 x 3" ferrite driver
Frequency response(-10dB)	130Hz - 20KHz
Rated power	120W
Sensitivity	95dB
Maximum SPL	123dB
Nominal impedance	12 ohms
Dispersion angle	100 x 20 degrees
Connection	2 x phoenix, 2 x 4pole connection
Optional accessories	Speaker poles and mounting brackets
Dimension(WxHxD)	124mm x 549mm x 152mm
Weight	6.5kg

SPECIFICATION	TOWER 8
Transducer	8 x 2" neodymium driver
Frequency response(-10dB)	160Hz - 18KHz
Rated power	120W
Sensitivity	92dB
Maximum SPL	118dB
Nominal impedance	8 ohms
Dispersion angle	100 x 15 degrees
Connection	1 x phoenix, 2 x 6.3mm jack
Optional accessories	Speaker poles and mounting brackets
Dimension(WxHxD)	68mm x 608mm x 78mm
Weight	2.7kg



TOWER series



TOWER 12/12S/TOWER1216D



TOWER 12 rear

SPECIFICATION	TOWER 12	TOWER 12S
Transducer	1 x 12" ferrite driver	1 x 12" ferrite driver
Frequency response (-10dB)	45Hz - 180Hz	45Hz - 180Hz
Rated power	350W	350W
Sensitivity	0dBu	95dB
Maximum SPL	124dB	124dB
Nominal impedance	8 ohms	8 ohms
Power output (RMS)	SUBWOOFER: 900W + FULL RANGE: 2x 350W (8ohms)	
DSP / Connections	2 x XLR LINE IN +1x XLR AUX OUT 3 x 4-pole speaker connections	2 x 4-pole speaker connections
Power supply	220V-230V/50-60Hz	/
Dimension(WxHxD)	376mm x 453mm x 458mm	376mm x 453mm x 458mm
Weight	25kg	20kg