

# Bedford Corn Exchange main Auditorium

## Technical information

- **AUDIO**



### 10) TTL33-A line array module



The TTL33 line array module is a wide, constant directivity, coverage angle, with six high power neodymium transducers, three high power switching amplifiers and 96 kHz, 24 bit, floating point DSP.

Frequency Response	60-20 kHz
SPL peak	134 dB
Coverage angle	100°horizontal5° vertical, depending on configuration
Compression Driver	3x1" neo, 37 mm voice coil
Midrange	8" neo, 64 mm voice coil
Woofers	2x8" neo 64 mm voice coil

#### INPUT SECTION

Input sensitivity	-2dBu/ +4dBu
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#### AMPLIFIER

Nominal power	Switching 750Watt
High frequencies	D/250Watt
Mid frequencies	D/500Watt

Low frequencies

D/500Watt

### 8) TTS28-A SUB



Frequency Response	30-110 Hz
SPL peak	139dB
Woofers	2x18"
Nominal power	Switching 2000Watt

### 4) TT25-SMA monitors



Frequency Response	50 Hz - 20Khz
SPL peak	131 dB
Coverage angle	H 60° conical - V 60° conical
Compression Driver	1,5" neo, 64 mm voice coil
Woofers	15" neo, 87 mm voice coil

### AMPLIFIER

Nominal power	Switching 750Watt
High frequencies	D/250Watt
Low frequencies	D/500Watt

### 2 RCF TT+ 25A 1500W



#### ACOUSTICAL SPECIFICATIONS

- Frequency Response -3 dB: 50 Hz ÷ 20000 Hz
- Max SPL: 136 dB
- Horizontal coverage angle: 90°
- Vertical coverage angle: 40°
- Compression Driver: 1.5" neo, 75 mm voice coil
- Woofers: 15" neo, 100 mm voice coil

#### AMPLIFIER SPECIFICATIONS

- Total power: 1500 W RMS
- High frequencies: D/500 W RMS
- Low frequencies: D/1000 W RMS
- Cooling: Convection
- Connections: Powercon in/out
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## 6 RCF TT+ 22A



### ACOUSTICAL SPECIFICATIONS

- Frequency Response -3 dB: 50 Hz ÷ 20000 Hz
- Max SPL: 131 dB
- Horizontal coverage angle: 90°
- Vertical coverage angle: 40°
- Compression Driver: 1.5 " neo, 75 mm voice coil
- Woofer: 12" neo, 87 mm voice coil

### AMPLIFIER SPECIFICATIONS

Total power: 750 W RMS  
High frequencies: D/250 W RMS  
Low frequencies: D/500 W RMS  
Cooling: Convection  
Connections: Powercon in/out

## 8) FTM 300 Turbosound active monitors with processor Crest amp 1200W



## 1) Yamaha M7CL 48 digital desk



## V-Mixing System M- 400 48 channels digital console



### Main Features

- Configurable digital snakes with high quality, remotely controlled mic preamps on stage;
- Cat5e distribution that is light weight, low cost and without the high frequency losses inherent in analog snakes;
- A 48-channel M-400 Mixing Console with 16 buses, channel and bus DSP, 4 stereo FX processors, 4 graphic EQs, built-in stereo recording and playback, and built in multi-channel split port;
- Up to 40 channels of limitless digital splits over Cat5e for monitor/broadcast positions and/or PC recording without any

- audio interfaces; and
- Up to 16 returns to stage over Cat5e cable.

## 2) S-1608 Stage Unit



32 channels on stage with 16 return over Cat5

2 RCF TT+ 22A 750W

# Lighting @ the Bedford Corn exchange

## Lantern Stock

6	Harmony 15/28 - 1000W profile
8	Cantata 18/32 - 1000W profile
4	Harmony F - 1000W
8	Cantata F - 1200W
20	Par 64 Cans - 1000W
8	Source four 36 deg lenses +50 deg lenses
10	LED Lanta RGBW QUAD
4	Philips SPX 25/50 zoomspot
6	Batten 2 led Miltec
3	Elation CUEPIX Blinder WW4 4x100W COB LED Blinder
8	Led Slim Line Tri Par 64 + floor stand

## Microphones:

Quantity	Brand	Polar pattern	Model No	Corded	Diaphram
4	Shure	Supercardioid	SM 57A Beta	Corded	
8	Shure	Supercardioid	SM 58A Beta	Corded	
8	Shure	Cardioid	SM 58A	Corded	
1	Shure	Electret Condenser	Beta 91a	Corded	
1	Shure	Supercardioid	Beta 52A	Corded	
2	Shure Radio system	Cardioid	SLX2 SM68 Capsul	Wireless	
5	Sennheiser	Cardioid	E604	Corded	
2	Sennheiser	Super-cardioid	E609	Corded	
1	Sennheiser	Supercardioid Condenser	MA66	Corded	

1	Sennheiser	Cardioid Condenser	K6-ME64	Corded	
6	AKG	Cardioid Condenser	Perception 170	Corded	Small
1	AKG	Condenser	perception 120	Corded	Large
1	AKG	Cardioid	D112	Corded	
2	AKG	Condenser - Cardioid/Hyper	1000-S	Corded	
1	Audio Technica	Hypercardioid	ATM63 HE	Corded	
1	Audio Technica	Cardioid	AE2500 dual elements	2 Corded	
2	Rode	Cardioid Condenser	NT-1A	Corded	
2	MXL	Condenser - Cardioid/Hyper	MXL- 990	Corded	
5	AKG radio Hand head	Dinamic	Perception PW45	Wireless	
2	AKG radio Hand head set	Condenser cardioid	Perception 45 Sport	Wireless	

## moving lights:

- 4 PR 575 colours wash 2580
- 6 PR 250 colours wash 2302
- 4 Moka 280 10R 3 in one

## LIGHTING DESK



Avolites Pearl Expert (main lighting desk)

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Touch Wing

1 Smoke machine Captain D



2 Tour Hazer II - Smoke Factory

