

# Harmonie

Koll-Jakwerth-Schnorbus GBR, Frongasse 28-30, 53121 Bonn

## Haustechnik

### PA-System (time aligned)

3 x Meyer Sound UPA 1P  
2 x Meyer Sound UPA-2P  
4 x Meyer Sound UPJ-1P  
1 x Meyer Sound 700 HP

### Nearfill (available on request)

2 x Meyer Sound UPM-1P  
2 x Meyer Sound UPJunior

### PA-Controller/Processor

Meyer Sound Galileo 616 DSP

### FOH digital

#### Yamaha M7CL 48

Meter Bridge

Input MY8-AD96 / Output MY8-DA96

### FOH analog (on request)

#### Crest X EIGHT HS

40 x Mono + 4 x Stereo Inputs  
8 Aux Sends/8 Groups

#### Master (Front)-EQ

BSS FCS 960

#### F/X

1 x Lexicon PCM 81  
2 x Yamaha SPX 990  
1 x Yamaha REV 500  
1 x t.c. electronic D-Two Tap-Delay

#### Inserts

4 x DL 241 Drawmer Dual Compressor (8 lines)  
4 x DS 201 Drawmer Dual NoiseGate (8 lines)  
1 x SPL Transient Designer 4 (4 lines)

TASCAM CD-Player CD-01U

DENON DN 500R -USB/SD Rec+Player

### Stagebox/Multicore (separated ground loops)

40/8 xlr FOH

40/8 xlr Monitorsplit

2 x CAT5/6 - Stage-FOH

Stands (K&M) different types,

Claws,

various xlr cable

various Sub-Multicores

### Monitore (typically from FOH)

6 x Meyer Sound UM-1P  
2 x Meyer Sound MJF 210  
1 x Meyer Sound UPA-1P  
2 x Meyer Sound UPA-2P  
1 x Meyer Sound USW-1P (on request)

### Monitor-EQ

3 x dbx 2231 (graphic)

Intercom: Axxent 1 Channel /2 Headsets

### Mic's

#### Dynamic

9 x Shure SM 58  
1 x Shure SM 58s (switched)  
1 x Shure Beta 58A  
7 x Shure SM 57  
2 x Shure Beta 56 A  
3 x Shure Beta 57  
1 x Shure Beta 52 A  
4 x Sennheiser e604 Clip-Mikrofon  
1 x Sennheiser e608 Clip-Mikrofon  
2 x Sennheiser e609  
2 x Sennheiser MD 421  
4 x Beyerdynamic TG D58c  
1 x Beyerdynamic M201 TG  
1 x AKG D 112

#### Condenser

2 x Shure Beta 87A  
4 x Shure Beta 98D Clip-Mikrofon  
2 x Shure Beta 91 Grenzfläche  
1 x Shure Beta 91a Grenzfläche  
2 x AKG C 391  
2 x AKG C 430  
1 x Audio Technica 4021  
4 x Rode NT5  
2 x AKG Perception 200  
1 x Shure KSM 9 (available on request)  
1 x Neumann KMS 105 (available on request)  
2 x Neumann KM 184 (available on request)  
2 x AKG C 414 xls (available on request)  
2 x Shure MX 412/C Gooseneck (available on request)

#### wireless (2)

Shure UR4D receiving set 2 channels

710-790 MHz

2 x Shure UR2 hand-held transmitter  
2 x Shure Beta 58A Kapsel  
2 x Shure SM 58 Kapsel  
2 x Shure UR1 Bodypack P8 transmitter  
1 x Shure WH20 TQG dynamic headset

#### Di-Boxen

4 x DI-Boxen passive

12 x DI-Boxen active (BSS/KlarkTechnik/Palmer/whirlwind)

### Kontakt Haustechnik:

Josef (Juppi) Schnorbus eMail: j.schnorbus(at)harmonie-bonn.de

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## Haustechnik

### Stage-Size

B x T x H Büttec-indoor (black-floor)  
mtr: 7,0 x 4,0 x 0,80 (ft: 23 x 13 x 2,6)

### Lights

#### Pulte

- 1x Road Hog 4  
+ HOG III Expansion Wing
- 1x JB LIGHTING - Licon CX (spare on request)
- 1x MA - Lightcommander II 24/6
  
- 2x Camco 1210 Dimmerpacks (24 x 2kW)
  
- 10x Fresnel Arri 650 plus p.o.
- 2x Fresnel Arri 300 plus
- 2x Fresnel Coemar Solar (1kW)
- 2x Profiler Coemar Teatro Tratto 15/28 (1kW)
- 2x Profiler Coemar Accento 20/35 (0,65kW)
- 18x PAR 64 Raylight 0,5kW
- 5x showtec sunstrip active DMX 10 CH
- 3x Briteq COB-Blinder 2x100W
- 6x MultiColor Spot 9x9 W Tri LED
- 12x Stairville Mini Stage Par 7x3W TRI
- 2x Briteq Powerpixel8-COB-RGB
- 4x Elation Platinum Spot 5R Movingheads
- 14x BriteQ BTX-Falcon Spot Movingheads
- 7x BriteQ BT-W91L3 Zoom RGBAW Movingheads

### Nebel/Hazer

- 1 Jem Techno Haze
- 1 Martin Magnum Hazer
- 1 base\*hazer\*pro

Spiegelkugel/Mirrorball 100 cm (center/audience)  
Spiegelkugel/Mirrorball 50 cm (center(stage))

### Clearsonic Shields

Drumkit (1670mm h/4 x 600mm b x 6,35mm)  
(4-section **Drum shield** 5,5'high-8'wide)  
Git-Amp (860mm h/ 4 x 450 b x 6,35mm)  
(4-section **Amp shield** 34"high-72"wide)

**Maximum Live Sound Level: LAeq 99dB (DIN 15905-5)**  
Controlled and reported by NTI AUDIO XL2 Sound Level Meter

### Video (nach Rücksprache, available on request)

TASCAM DVD-Player DV-D01U

### Beamer

1 x Sanyo PLC-HF15000  
15.000 Lumen / 2048x1080

1 x Sanyo PLC-XF41  
7.700 Lumen / 1024x768

1x Tele-Objektiv: LNS -T02  
2x Weitwinkel-Objektiv: LNS - W02Z

Leinwand Fastfold 4,10 x 3,10 (b x h)

### SVSi-Video Over IP

2 x Encoder N2121  
3 x Decoder N2221  
8 Port PoE CICS0-Switch SG300-10MP  
CUE Touchpanel 4,3"

### Party (nach Rücksprache, available on request)

Denon Doppel-CD DN 4000  
DJ Mischpult Behringer VMX 1000 USB

Backstage Internet WLAN / WiFi

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