

Národní divadlo

Audio Technology

14.2.2008

AUDIO TECHNOLOGY

Of The National Theatre

1) Sound control room

1a) Location: In the right back part of the ground floor auditorium, with a separate entrance. Direct view on the stage with the opening window.

1b) Equipment: Digital mixing console LAWO mc² 66 frame 16+8+8
LAWO Plugin Host
monitoring 2 x KLEIN+HUMMEL O 300

2 x MD SONY MDS B4P
2 x MD SONY MDS B6P
1 x Drenkelfort EventDriver AV 8 - six playlists
1 x HDR system SOUNDSCAPE REd 32
16 x wireless microphone system AKG WMS 4000 +miniature and headband microphones DPA

Microphones AKG, SENNHEISER, NEUMANN, SHURE, SCHOEPS
Other machines available when required EFF, EQ, DYN, FBX etc.

1c) Auditorium: Digital mixing console LAWO mc² 66 frame 8+8+8 when required!

2) Speakers

2a) Stage: 3 x Renkus Heinz SR 5/9 á 1000 W (**Z2,3,4**)
2 x Renkus Heinz Qube BRK á 3000 W (**Z1,5**)
6 x Renkus Heinz TRX 81/9 á 200 W (foldback) (**O1-6**)
2 x mobile system Renkus Heinz SR 5/9 á 1000 W

2b) Auditorium:

Portal	2 x BMS subbass á 1200 W (P1A,2A) 2 x EV subbass MTL-4 á 1600 W (P5,6) 6 x Renkus Heinz ST 4 á 1500 W (P1-4) 3 x Renkus Heinz CDT 1 (P7,8 – delay zone) 2 x Renkus Heinz SR 5/9 á 1000 W (K1,3) 2 x Renkus Heinz CDT 1 (K2 - center)
Orchestra	4 x Renkus Heinz SR 81 á 350 W (R1-4) 2 x monitor speaker for the conductor
Ceiling	8 x RCF MR 8 a´300 W (A1-6)
Box	18 x Renkus Heinz RFX 61 á 200 W (L1-6)
Surround	2 x Renkus Heinz TRX 62 á 200 W (S1,2) 6 x Renkus Heinz TRC 51 á 50 W (S3,4) 2 x Shure á 200 W (S5,6)

3) Communication, signalling, video signal

3a) In the right portal is the head stage manager's desk. In the left portal is the same desk, but it doesn't contain control for the cue button to the conductor's podium. STENTO communication system (intercom) is fully duplex, two channels for portable Transmitters are available.

3b) All important places on the stage, in the orchestra pit and in the entrance boxes are connected with the stage managers' desks by a signal cue light.

3c) In the whole building is installed closed circuit TV that transmits picture of the stage and the conductor. There are 4 TV monitors installed on the stage and other 2 are in the auditorium boxes. There are 3 mobile TV monitors available.



