

# TECHNICAL EQUIPMENT OF RUDOLFINUM STUDIO

## Mixing consoles:

Solid State Logic - Duality 72	Total Recall, Automation (72 Channel, mix 5.1)	1
Panasonic RAMSA DA-7 MK II	Digital console (16 mono inputs, expansion cards)	1

## Recorders:

	2 x multitrack ..... 2 x 48 tracks :	
PRO TOOLS HDX v 10	192 I/O (24 analog tr. + 24 AES) + SYNC I/O	3+1
	HD I/O Avid (32 analog)	2
	MAC PRO Westmere / PT v. 10, 24bit, 192kHz	
	MAC G5 / PT v. 10, 24bit, 192kHz	
Digital Performer v 7	MOTU UltraLite Mk	1
	PCI 424	1
	MOTU I/O24 (24bit, 96kHz)	2
	MAC PRO Intel	1
SADIE 4	Artemis 24 tracks	1
	Windows	
TASCAM	DA 78 HR (2 x 8 tracks)	2
	DA 98 HR (8 tracks)	1

## External converters:

Euphonix A/D (24 ch. 24bit/96kHz)	type AM 713 (Analog to MADI)	1
	type MD 704 (MADI to AES)	1
Euphonix D/A (24 ch. 24bit/96kHz)	type DM 714 (AES to MADI)	1
	type MA 703 (MADI to Analog)	1
Benchmark A/D D/A 2 channel	type ADC1	1
	type DAC1	1

## 2 channel recorders:

DAT SONY	PCM 2700	2
	PCM 7050	1
	PCM R 700	1
CDR HHB	CDR 830 BurnIt Plus	1
Analog 1/4"	Studer A 807 (s Dolby SR / A)	1
MC-Casette	Sony TC-K 770 ES	3

## External preamplifiers:

Millennia HV 3 R (56 Channels)	Microph. 8 ch preamp	7
Millennia STT-1 (2 Channels)	Twin Topology 1ch preamp	2

## Video equipment:

Plasma monitors	Panasonic TH 42PH10 (NTSC or PAL)	2
Classic video monitors	PVM 2730 QM (NTSC or PAL)	3
Canopus ADVC-110	External firewire video card (NTSC or PAL)	1
U-matic SONY	BVU 900 (PAL player, Hi / Lo band 25 frames)	1
VHS SONY	SL-V 715 (NTSC or PAL)	1

## Studio listening:

Audio monitors	B & W Matrix 801 MK III	8
	JL Audio Fathom (LFE)	1
	Yamaha NS 10 M	2
	JBL Control 1	4
	Electro Voice Sentry 100 EL with power amp.	2
Power amplifiers	B & W M 800 Mono Power Amp.	6
	Chord 1242 dual	1
	HH VX-900 dual	2

## Synchronization:

Blackburst PAL	PAL / EBU	1
Nanosync	Rosendahl, DDS Audio clock and video sync.ref.gen.	1

Lynx	Time Line module + supervisor	4
<b><u>Headphones</u></b>		
Wired	Sennheiser HD 250	2
	Sennheiser HD201	40
	AKG K 240 DF	5
Wireless (for musicians)	Sennheiser HDI 234 IR	150
	Sennheiser RS 120 II	60
<b><u>Effects:</u></b>		
Lexicon	480L (V 4.0) multieffect	1
Lexicon	960L (V 2.0) multieffect	1
Eventide	H 3000 B multieffect	1
Yamaha	SPX 900 multieffect	4
TC Electronic	Finalizer + digital compressor- limiter	1
Urei	Urei 1178 analog compressor	2
Klark Teknik	DN 360 equaliser	2
Metronome	Wittner TM 1 Quartz	1
<b><u>Microphones:</u></b>		
Neumann	U 87A i P48	16
	TLM 170 P 24 / P 48	12
	SM 69 fet	2
	M 149 Tube	2
	M 147 Tube	2
	KM 140 cardioid hanged from ceiling <u>choir</u>	10
	KM 140 cardioid	4
AKG	C 414 B-ULS	7
	C 451 EB CK 1	5
	C 451 EB CK 5	2
	C 451 EB CK 22	4
	C 747 comb	4
	D 112	2
	D 224 E	2
	D 330 BT Mark III	4
Schoeps	CMC 5 MK 4	12
	MK 2 S	4
	MK 41	4
	MK 8	2
	MK 6	4
	MK 21	5
	MK 4 V	4
	M 222 Tube	4
	CCM 21 Ug halfomni hanged from ceiling <u>LL RR</u>	2
	CCM 4V + STV 1400 stand	8
Bruel & Kjaer	B&K 4011	4
	B&K 4006	4
DPA	DPA 4051 omni hanged from ceiling <u>AB, Surr</u>	4
	DPA 4027 halfomni hanged from ceiling <u>LCR</u>	3
	DPA 4011	4
Shure	Beta 57	1
	Beta 58	1
Sennheiser	e614 hyper	4

### **Dimensions:**

Dvorak's hall (concert hall)	Width, Lenght, Height
-max. 100 musicians, 100 choir-	24 x 32 x 14 m
Suk's hall (concert hall)	10 x 24 x 6 m
-max. 15 musicians	
Control Room No. 1	8 x 8 x 3 m
Control Room No. 2 (... , or recording room for 6 musicians)	8 x 8 x 3 m