

List of the Standard Equipment - further Equipment on Request

LCD Projection

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**Portable Projectors with Zoom-Lenses**

Description	St	1.day	2.day	3.day	5.day	7.day
NEC VT676K, XGA (1024x768Px), <b>2500</b> ANSI-Lumen, <b>2,9kg</b>	1	80	128	176	240	288
NEC VT700, XGA (1024x768Px), <b>3000</b> ANSI-Lumen, <b>3,1 kg</b>	1	120	192	264	360	432
Hitachi CP-SX5600 <b>SXGA+</b> (1365x1024Px), <b>1800</b> ANSI-L, <b>5,6Kg</b>	1	180	288	396	540	648
NEC MT1065, XGA, (1024x768Px), <b>3200</b> ANSI-Lumen, <b>5,9kg</b>	1	180	288	396	540	648
NEC MT1075, XGA (1024x768Px), <b>4.200</b> ANSI-Lumen, <b>5,9kg</b>	1	200	320	440	600	720

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**LCD - High-Density-Projectors with changable lenses**

Description	St	1.day	2.day	3.day	5.day	7.day
Eiki/Sanyo/Christie LCD 1,3", XGA, <b>4100</b> ANSI-Lumen, <b>7,9kg</b> , 1024x768 Pixel	1	250	400	550	750	900
Eiki/Sanyo/Proxima LCD 1,8", SXGA, <b>3700</b> ANSI-Lumen, <b>18kg</b> , 1280x1024 Pixel	1	320	512	704	960	1152
Sanyo/EIKI/ Christie LCD 1,3" XGA, <b>6500</b> ANSI-Lumen, <b>13 Kg</b> , 1024x768 Pixel	1	350	560	770	1.050	1260
Sanyo/EIKI/Christie LCD 1,8", XGA, <b>10.000</b> ANSI-Lumen, <b>38 Kg</b> , 1024x768 Pixel	1	500	800	1.100	1.500	1800
Sanyo / EIKI / Christie LCD 1,8", XGA, <b>12.000</b> ANSI-Lumen, <b>38 Kg</b> , 1024x768 Pixel	1	800	1.280	1.760	2.400	2880

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**LC-Lens Range Lens-Family 1,3" and 1,8"**

Description	St	1.day	2.day	3.day	5.day	7.day
0,84 : 1 für 1,3", wide-angle-lens, Eiki/Sanyo/Christie	1	150	240	330	450	540
1,3-1,8 : 1 für 1,3", wide-angle-lens, Eiki/Sanyo/Christie	1	150	240	330	450	540
1,8-2,3 : 1 für 1,3", Standard-lens, Eiki/Sanyo/Christie	1	80	128	176	240	288
2,65-4,73 : 1 für 1,3", Tele-lens, Eiki/Sanyo/Christie	1	125	200	275	375	450
5,0-8,3 : 1 für 1,3", Tele-lens, Eiki/Sanyo/Christie	1	125	200	275	375	450
0,8 : 1 für 1,8", wide-angle, Eiki/Sanyo/Christie	1	150	240	330	450	540
1,2 : 1 für 1,8", wide-angle, Eiki/Sanyo/Christie	1	125	200	275	375	450
2,0-2,56 : 1 für 1,8", Standard-Zoom, Eiki/Sanyo/Christie	1	80	128	176	240	288
3,45-4,5 : 1 für 1,8", Tele-lens, Eiki/Sanyo/Christie	1	125	200	275	375	450
4,3-6,0 : 1 für 1,8", Tele-lens, Eiki/Sanyo/Christie	1	150	240	330	450	540
6,8 : 1 für 1,8", Longdistance, Eiki/Sanyo/Christie	1	125	200	275	375	450

DLP Projection

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**DLP - High-Density-Projectors changable lenses**

Description	St	1.day	2.day	3.day	5.day	7.day
NEC XT5000, 3-Chip DLP, <b>4500</b> ANSI-Lumen, 1024x768Px	1	400	640	880	1.200	1440
Panasonic PT-D7700, 3-Chip DLP, <b>7000</b> ANSI-L, 1400x1050 Px	1	850	1.360	1.870	2.550	3060
Panasonic PT-D10000, 3-Chip DLP, <b>10000</b> ANSI-L, 1400x1050 Px	1	1.550	2.480	3.410	4.650	5580

Barco FLM R20 3-Chip DLP, <b>18000</b> ANSI-L 1400x1050Px	1	3.200	5.120	7.040	9.600	11520
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**DLP-Objektive**

Description	St	1.day	2.day	3.day	5.day	7.day
lens PTD 0,8 : 1 für PT D7700 / (W)10000E	1	200	320	440	600	720
lens PTD 1,5 - 2,0 : 1 für PT D7700 / (W)10000E	1	200	320	440	600	720
lens PTD 2,5 - 3,0 : 1 für PT D7700 / (W)10000E	1	200	320	440	600	720
lens PTD 3,0 - 5,0 : 1 für PT D7700 / (W)10000E	1	180	288	396	540	648
lens PTD 5,0 - 8,0 : 1 für PT D7700 / (W)10000E	1	250	400	550	750	900
lens PTD 8,0 - 15,0 : 1 für PT D7700 / (W)10000E	1	400	640	880	1.200	1440

## Screens

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**Screens ratio 3 : 4**

Description	St	1.day	2.day	3.day	5.day	7.day
screen 120x160 cm, PlanaFold, MW	1	60	96	132	180	216
screen 160x220 cm, FastFold, screenworks	1	80	128	176	240	288
screen 183x244 cm, Monoblock 32, Stumpfl	1	90	144	198	270	324
screen 229x305cm, Monoblock 32, Stumpfl	1	110	176	242	330	396
screen 235x315cm, FastFold, sreenworks	1	100	160	220	300	360
screen 274x366 cm, Monoblock 32, Stumpfl	1	140	224	308	420	504
screen 318x425 cm, FastFold Truss, screenworks	1	170	272	374	510	612
screen 364x491 cm, FastFold Truss, screenworks	1	280	448	616	840	1008

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**Screens ratio 16 : 9**

Description	St	1.day	2.day	3.day	5.day	7.day
screen 345x203 cm (16:9), Monoblock 32, Stumpfl	1	120	192	264	360	432
screen 405x229 cm (16:9), Monoblock 32, Stumpfl	1	200	320	440	600	720
screen 610x343 cm (16:9), Monoblock 32, Stumpfl	1	300	480	660	900	1080

## Display, Flat-Screens & Video-/ LED-Walls

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**Flat-Screens (video + data)**

Description	St	1.day	2.day	3.day	5.day	7.day
30" LCD (75cm Diag.), NEC LCD 3000, 15:9-format, 1280x768Px, S-Video, WxHxD = 71 x 45 x 10 cm / 17,5 kg	5	90	135	171	225	261
40" LCD (102cm Diag), NEC LCD 4010, 1366x768 Px, 16:9 format S-Video, WxHxD = 98 x 58 x14 cm / 27,5 kg	5	120	180	228	300	348
37" Plasma (95cm), Hitachi CMP 307XE, 1024x768 Px, 3:4 format S-Video, WxHxD = 88 x 68 x 10 cm / 32,8 Kg	5	120	180	228	300	348
42" Plasma Panasonic TH-42PS, 852x480Px/110 kHz, 16:9 S-Video, PAL/SECAM/NTSC, WxHxD = 102 x 61 x 9 cm / 28 Kg	5	120	180	228	300	348
50" Plasma Pioneer PDP 503, 1280x768 Px/68kHz, 16:9 format, (S)Video, NTSC/SECAM/PAL, WxHxD = 122 x 71 x 10 cm / 39 kg	5	150	225	285	375	435
61" Plasma (155cm) NEC 61 XM 4, 1365x768 Px, 16:9 format (S)Video, NTSC/SECAM/PAL, WxHxD = 148 x 90 x 12 cm / 61 Kg	5	350	525	665	875	1015

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### Flat-Screens ( data )

Description	St	1.day	2.day	3.day	5.day	7.day
15" TFT NEC LCD 1510+ , 1024x768 Px/61 kHz, 16,7 Mio. Farben; WxHxD = 39 x 37 x 17 cm / 8,4 kg	5	20	30	38	50	58
18" TFT NEC MultiSync LCD 1880SX BK, (schwarz), fv 60 Hz, 1280x1024 Pixel / 82kHz, WxHxD = 39 x 39 x 18 cm / 8,2 Kg	5	30	45	57	75	87
20" TFT NEC MultiSync LCD2010X, Hv 56 - 85 Hz 1280x1024 Pixel / 82kHz, WxHxD = 50 x 50 x 25 cm / 11 Kg	5	50	75	95	125	145

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### Seemless - Plasma-Wall (42" Plasmas, Multi-PDP)

Description	1.day	2.day	3.day	5.day	7.day
2 x 2 Split, 84" Diagonale, 16:9 format 1706 x 960 Pixel , WxHxD = 1852 x 1046 x 77 mm / 112 Kg					
3 x 3 Split, 126" Diagonale, 16:9 format 2559 x 1440 Pixel, WxHxD = 2778 x 1569 x 77 mm / 252 Kg					

**Price on request**

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### LED - Walls (Indoor & Outdoor)

LED walls are capable of providing clear and bright images in daylight surroundings due to their extremely high brightness.

Using modern SMD technology (Surface Mounted Devices) pixel gaps can be as small as 3mm. For close-up viewing applications such as exhibition stands, 3 to 6mm pixel gaps are recommended. Up to 15mm gaps are used with larger viewing distances, typically for openair installations.

Given the variety of variables such as space available for set-up, loading weight and wind-load each quotation needs to be prepared individually.

We are pleased to advise on the right choice and compile a **individual quote**.

**Price on request**

## Cameras, Control-Equipment, Picture Sources

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### Kameras

Description	St	1.day	2.day	3.day	5.day	7.day
Camcorder SVHS Panasonic AG-DP200 (seminar-camera), Zoom, with Multicore-Kabelschlange, Stativ und Fahrspinne	1	100	160	220	300	360
Camcorder Mini-DVD Sony, recording on 8cm DVD-R/-RW/+RW, CCD, 6,3cm Farb-LCD, 20-f opt. Zoom, incl. tripod + dolly	1	75	120	165	225	270
camera-package Sony DXC-D30, 18-x zoom-lens, control screen, rear camera control of zoom/focus, Sachtler tripod Video20 incl. Dolly, Camera Control Unit Sony CCU M7P, CCU-cable 26-26 pol, 50m	1	490	784	1.078	1.470	1764
camera Canon XL1S, 3x 1/3" CCD, MiniDV, power-supply, 16-X zoom lens, 1 x wide-angle-zoom lens, Vinten-tripod and dolly	1	200	320	440	600	720
InterKom - Belt-Pack Axxent BP-100, audio & lightcall, 3-Pol XLR in/out; 4-Pol XLR for Headset D-800E 4-Pol XLR 1,5m cable	1	15	24	33	45	54
InterKom - AXXENT MS-200 Masterstation, audio & lightcall, 3x XLR out each channel; audio/lightcall: MIC/Line Input; 4Pol XLR for Headset	1	50	80	110	150	180

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### Control Equipment and Accessories

Description	St	1.day	2.day	3.day	5.day	7.day
Digital Video-mixer, (for seemless switching ), 4 Inputs, misc. effects	1	125	200	275	375	450

control-monitor 3 x bridge with 4" TFTs video- PAL	1	90	144	198	270	324
control-monitor 2 x bridge with 22cm PAL/Secam Panasonic WV-CM 1020 fed-through, 2 video-inputs (BNC), fed-through	1	80	128	176	240	288

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### Peripheral - Video - Equipment

Description	St	1.day	2.day	3.day	5.day	7.day
VGA Interface (HD15)-In / RGBHV-Out, 400MHz,INLINE	1	25	40	55	75	90
VGA-distributor 1-In / 2-Out, 400 MHz	1	20	32	44	60	72
VGA-distributor 1-In / 4-Out, 400 MHz	1	25	40	55	75	90
VGA-distributor 1-In / 8-Out, 300 MHz	1	40	64	88	120	144
VGA-switcher 4-In/1-Out, 200MHz, Kabel - FB	1	40	64	88	120	144
VGA-switcher 6-In/1-Out, 200MHz, Kabel - FB	1	45	72	99	135	162
RGBHV-switcher 6-In / 1-Out+FB, incl. audio switching	1	50	80	110	150	180
RGBHV-distributor 1-In / 4-Out 400 MHz	1	50	80	110	150	180
Video-switcher (FBAS) 5xIn / 1xOut, 10 MHz	1	20	32	44	60	72
Video.distributor, 1xIn / 5xOut, 10MHz	1	20	32	44	60	72
Seamless Switcher <b>Extron ISS 108+</b> , Bedieneinheit RCP 2000 8 configurable Input-signals (BNC - RGBHV, RGsB, RGSB, Compon.-Video, S-Video, Composit-Video), 2 Outputs	1	350	560	770	1.050	1260
Seamless + Matrix Switcher <b>Analog Way Di-VentiX</b> DVX8022 mit 2 unabhängigen Scalern, Composite, Y/C, YUV, RGB, DVI, SDI, HDS DI, voll HD-fähig, PIP, Fade, Soft-Edge	1	500	800	1.100	1.500	1800
Downconverter / Linedoubler Sony DSC-1024, Video auf VGA/SVGA) & Downconv.(CAD,XGA -> SVGA,VGA,Video)	1	150	240	330	450	540
Seemless Switcher zw.Video- & data, Extron IN 1508, Input: 2xVideo, 2xY/C, 1xKomp.Video, 2xVGA, 1xDVI-I, Output: 1xVGA, 29 selectable resolution up to UXGA	1	90	144	198	270	324

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### Recorder & Player

Description	St	1.day	2.day	3.day	5.day	7.day
CD/MP3-Single-Player Denon DN-C635, prof. Studio, Loop, Cue, Pitch-Control; XLR/Cinch out Denon DN-C635	1	30	48	66	90	108
DVD Player Pioneer DVD-V7300D, PAL,NTSC, Codefrei, plays all Countrycodes; RS232C; programmable incl. Remote	1	40	64	88	120	144
DVD-Player inkl. IR-FB, (Consumer) Pioneer DV-444-K, code-free	1	20	32	44	60	72
DVD disc recorder Panas.DMR-EH56, 160GB, DVD-RAM, -RW,-R(DL),+RW,+R(DL), Highspeed Copy HDD auf DVD-R (16-f)	1	40	64	88	120	144
VHS/SVHS videorecorder, Panasonic AG 7350, PAL, NTSC 4.43, Repeat ( tape- & filmend), Jog Shuttle, Time Code	1	50	80	110	150	180
Videorecorder. PAL,SECAM,NTSC 3,58 / 4,43, JVC SR-330MS SP+LP, Mono, IR-FB	1	40	64	88	120	144
Betacam SP Recorder Sony UVW 1400 P RGB, Repeat, FBAS, S-Video, RS232, Dolby C, PAL-System (zzgl Jog-Shuttle FB)	1	175	280	385	525	630
Betacam SP Player Sony UVW 1200 P, Repeat, FBAS, S-Video, PAL-System (incl Jog-Shuttle FB)	1	150	240	330	450	540
Betacam studio-player DIGI/ANALOG Sony DVW A 510, PAL-coloursystem, SP-Playback, YUV output, Jog/Shuttle	1	450	720	990	1.350	1620

## HDTV

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### HDTV Recorder & Player

Description	St	1.day	2.day	3.day	5.day	7.day
<b>Price on Request</b>						

## Audio

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### Loudspeaker

Description	St	1.day	2.day	3.day	5.day	7.day
loudspeaker 120 W Kling & Freiday CA-106, 16 Ohm incl. tripot, WxHxD = 36 x 20 x 20 / 7 kg	1	20	32	44	60	72
loudspeaker 300 W Kling & Freiday CA-1201, 8 Ohm, incl. tripot, WxHxD = 36 x 20 x 20 / 7 kg	1	30	48	66	90	108
Subwoofer Kling & Freiday SW115D-XO, 600W, 8 Ohm, integrated high-pass, WxHxD= 47x60x52 cm / 36 Kg	1	50	80	110	150	180
loudspeaker JBL Control 1 150/75 W 4 Ohm incl mounting-bracket	1	10	16	22	30	36
loudspeaker JBL Control 5 175/100W 4Ohm incl mounting-bracket	1	15	24	33	45	54

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### Slave-Amplifier

Description	St	1.day	2.day	3.day	5.day	7.day
Slave-amp 2 x 200W 4 Ohm	1	20	32	44	60	72
Slave-amp 2 x 400W , 4 Ohm	1	25	40	55	75	90
Slave-amp 2 x 490W / 4 Ohm, 2 x 350W / 8 Ohm	1	25	40	55	75	90
Slave-amp 2 x 600W/ 2 Ohm, 2 x 500W/ 4 Ohm	1	30	48	66	90	108
Slave-amp 2 x 870W/ 4 Ohm, 2 x 570W/ 8 Ohm	1	30	48	66	90	108

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### Mixer / Consoles

Description	St	1.day	2.day	3.day	5.day	7.day
Mixer Spirit M8, 8 Mono, 4 Stereo, 4 AUX	1	35	56	77	105	126
Mixer 14 / 4 / 2 Kanal (Stereo) Allen&Heath, 6 Aux, 6 Stereo Returns, EQ-4 Fach Paramet.	1	40	64	88	120	144
Mixer Allen & Heath ML2200-424, 24 Mono, 2 Stereo, 2 Stereo Returns, Outputs: L/R stereo, 6 AUX, 4 Gruppen	1	80	128	176	240	288

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### Peripheral-Audio-Equipment

Description	St	1.day	2.day	3.day	5.day	7.day
equalizer graphic, 2 x 31 band, + / - 12dB, dbx 1231	1	20	32	44	60	72
digital delay-Line 1in/ 2out, 2in/2out, DOD	1	35	56	77	105	126
CD-Recorder, Stand Alone, direct burning of audio-CDs	1	30	48	66	90	108
Line Isolating Box, Palmer PLI-02, 2-channel	1	10	16	22	30	36
press-stage-box (activ) 1 auf 20 XLR	1	60	96	132	180	216

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### Microphones

Description	St	1.day	2.day	3.day	5.day	7.day
Speaker-Micro Sennheiser evolution 835S	1	8	13	18	24	29
table-micro goose-neck-condensor, Sennheiser COM1423	1	15	24	33	45	54
boundary-microphone with spherical polar pattern MPC 66 V Beyerdyn.	1	15	24	33	45	54

table-microphones with goose-neck Sennheiser ME36	1	25	40	55	75	90
microport diversity UHF ew500, hand-held, pocket-transmitter (clip- & headset), true diversity receiver + accessories	1	65	104	143	195	234
microport diversity UHF ew500 G2, hand-held, pocket-transmitter (clip & headset), true diversity receiver + accessories	1	65	104	143	195	234
headset Sennheiser HSP 4 beige for ew500 (G2);	1	25	40	55	75	90
Sennheiser headset HS2 black, for ew500(G2)	1	20	32	44	60	72
microphone - Teleskopangel(n) Beyer	1	10	16	22	30	36

## Interpreter Equipment

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### Interpreter-Equipment

Description	St	1.day	2.day	3.day	5.day	7.day
Double-Interpreter-cabine Audipack with ventilation and lighting accord. DIN- and ISO-standard size: 168cm x 168cm, high: 215 cm, color: dark-grey	1	150	240	330	450	540
triple-extension kid for Audipack cabine with ventilation and lighting accord. DIN and ISO-standard over-all size: 240cm x 168cm, high: 215 cm, colour: dark-grey	1	50	80	110	150	180
DCN NG CCU-central-unit Bosch Integrus for 32 channels and up to 245 Discussion Units	1	100	160	220	300	360
Bosch Integrus DCN NG Transmitter 04 / 08 /16-channel digital infrared broadcast	1	80	128	176	240	288
Interpreter IDESK NG Bosch LBB 4149/00, Mic Bosch DCN-MICL NG NG Beyerdynamic HeadSet DT-394	1	60	96	132	180	216
IR-high-power-transmitter 25 Watt LBB 4512/00 incl. Tripot and Truss-fittings	1	60	96	132	180	216
IR-transmitter 12,5 Watt LBB 4511/00 DCN incl. Tripot and Truss fittings	1	50	80	110	150	180
IR-Empfänger (digital-audio) 32 Kanal Bosch LBB 4540/32	1	3	5	7	9	11
light-stereo-head-phones LBB 3443/00*)	1	0,50	0,80	1,10	1,50	1,80
6-channel tour-guide Sennheiser*) with 20 head-phone-receiver	1	230	368	506	690	828
*) plus lump sum for cleaning for each head-phone		0,50				

## conference-equipment & misc.

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### conference-equipment

Description	St	1.day	2.day	3.day	5.day	7.day
control-unit for discussion-system Bosch DCN NG-CCU	1	100	160	220	300	360
station Bosch DCN NG with goose-neck microphone, integr. loudspeaker, channel-select	1	20	32	44	60	72
chairman-station Bosch DCN NG with goose-neck microphone, integr. loudspeaker, channel-select	1	25	40	55	75	90
MasterCue v5 USB radio-control für presentation PCs	1	75	120	165	225	270
pinboard (EuroPin MC)	1	20	32	44	60	72
flip-chart	1	15	24	33	45	54

pinboard-assessories-case (Metaplan)	1	35	56	77	105	126
lectern hight-adjustable, 2 XLR-sockets shock-absorber, beech-dekor,	1	80	128	176	240	288
projector-high-stand	1	10	16	22	30	36

## Lighting

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### Lighting

Description	St	1.day	2.day	3.day	5.day	7.day
24 channel DMX lightmixer	1	30	48	66	90	108
6 channel digital Dimmer (2,3kW/Kanal)	1	30	48	66	90	108
DMX Splitter 1->4 mit Loop	1	10	16	22	30	36
fresnel 650 W Typ ARRI 650 PLUS incl. Barndoors, filter-frame	1	14	22	31	42	50
profile 750 W Typ ETC CE Source 4, tube 19° + 36°	1	25	40	55	75	90
moving light MAC 2000 (Gobo scanner)	1	125	200	275	375	450
PAR 64 floorspot alumin polished, 500 Watt, NSP	1	10	16	22	30	36
LED striplight Powerstick ELP 60, RGB colour-mix, 60x 1W Luxeon LEDs, control via DMX, integrated power supply, 100 x 8,5 x 8 cm / 4kg	1	45	72	99	135	162
lighting-tripod wind-up 165-380cm/30kg with alumin-pipe 2m	1	25	40	55	75	90

## Stage-Equipment

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### Stage-Equipment

Description	St	1.day	2.day	3.day	5.day	7.day
podium-element 200 x 100cm / 11cm (without feet) for combining other elements	1	20	32	44	60	72

feet to fix the podium in different hights are available

## IT-Technik

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### IT-Equipment

Description	St	1.day	2.day	3.day	5.day	7.day
notebook Fujitsu-Siemens Lifebook C1110, Centrino, 1,5 GHz, 15" TFT (XGA), 512 MB RAM, 60 GB--disc DVD-CD-RW-drive, external Disc-drive, grafic 64 MB Intel, Ethernet-net-board, analog Modem 56 k, WLAN, Windows XP Prof	1	100	160	220	300	360
multimedia-PC, Intel P4 3,06 GHz, 1024 MB RAM, 120 GB-disc DVD-CD-drive Discette-drive, grafic-board 128 MB, net-board, firewireboard, keyboard, mouse, Windows XP	1	90	144	198	270	324