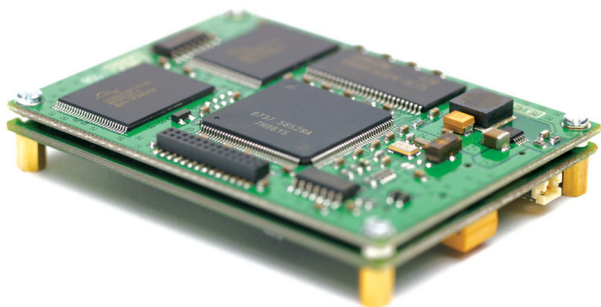


V3SOUND

Theatre Organ



THE ULTIMATE SOUND OF BLACKPOOL'S
TOWER BALLROOM ORGAN



MANUAL
SOUND BOARD
TO260

SAFETY PRECAUTIONS

SAFETY INSTRUCTIONS

- Read the user manual before using the device
- Do not allow any liquid to come in contact with the device
- Do not place anything on the device

Do not use or store the device where it is exposed to

- dampness or wetness
- extreme temperature changes (i.e. do not store in a vehicle in winter)
- strong vibrations or jolts

CUSTOMER SERVICE – TROUBLESHOOTING

Do not carry out any repairs at home, as this may result in permanent damage to the electronics. Any guarantee claims are no longer valid in this case.

POWER SUPPLY	9VDC / 230mA	
OPERATING TEMPERATURE	10 to 40 degrees Celsius	
HUMIDITY	max. 80%, non-condensing	
INCLUDED	User reference manual	
INSTALLATION	Only qualified professionals may install the board in an V3SOUND unit.	

LEGEND

V	The number in this column represents the required number of voices (OSC) per note.
cc56	Send midi controller 56 to adjust the volume of the part of this sound.
cc57	Without sending a midi controller 57 you will not hear this part of the sound.

SOUND BANK 38 - THEATRE ORGAN

The sound board will just give sound, when you send a bank control message (cc-00) with a value of 38 followed by a program change number from this sound list. Without this message - NO SOUND!

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VR SOUND - Austria
www.v3sound.com

Bank	Prg.	SINGLE SOUNDS	V
38	1	Tower Mighty A	2
38	2	Tower Mighty B	2
38	3	Tower Piston 2 A	2
38	4	Tower Piston 2 B	2
38	5	Tower Piston 4 A	2
38	6	Tower Piston 4 B	2
38	7	Tower Piston 5 A	2
38	8	Tower Piston 5 B	2
38	9	Tower Solo 6 Gt5 A	2
38	10	Tower Solo 6 Gt5 B	2
38	11	Tower Solo 6 Gt6 A	2
38	12	Tower Solo 6 Gt6 B	2
38	13	Tower Accomp. 1 A	2
38	14	Tower Accomp. 1 B	2
38	15	Tower Accomp. 2 A	2
38	16	Tower Accomp. 2 B	2
38	17	Tibias 8'+2' A	2
38	18	Tibias 8'+2' B	2
38	19	Melotone A	2
38	20	Melotone B	2
38	21	Tower Royale 1 A	2
38	22	Tower Royale 1 B	2
38	23	Tower Royale 2 A	2
38	24	Tower Royale 2 B	2
38	25	Krummet+Tibias A	2
38	26	Krummet+Tibias B	2
38	27	TibiaVox 8'+4' A	2
38	28	TibiaVox 8'+4' B	2
38	29	Straight Ranks A	2
38	30	Straight Ranks B	2
38	31	Tower Tubas A	2
38	32	Tower Tubas B	2
38	33	Glocken Hit A	2
38	34	Glocken Hit B	2
38	35	Xylophon Hit A	2
38	36	Xylophon Hit B	2
38	37	Glocken Reiteration A	2
38	38	Glocken Reiteration B	2
38	39	Xylophon Reiteration A	2
38	40	Xylophon Reiteration B	2
38	41	Bass Pedals Small A	2
38	42	Bass Pedals Small B	2
38	43	Bass Pedals Full A	2
38	44	Bass Pedals Full B	2

Bank	Prg.	ORGAN + 1 REITERATION	V
Use MIDI controller 57 to adjust the volume of the Reiteration and controller 56 to adjust the organ sound.			
38	45	T. Piston 5 + Xylo Reit. Preset	4
38	46	T. Piston 5 + Xylo Reit. A	4
38	47	T. Piston 5 + Xylo Reit. B	4
38	48	T. Mighty + Xylo Reit. Preset	4
38	49	T. Mighty + Xylo Reit. A	4
38	50	T. Mighty + Xylo Reit. B	4
38	51	T. Piston 2 + Glocken Reit. P.	4
38	52	T. Piston 2 + Glocken Reit. A	4
38	53	T. Piston 2 + Glocken Reit. B	4
38	54	T. Royal 1 + Glocken Reit. P.	4
38	55	T. Royal 1 + Glocken Reit. A	4
38	56	T. Royal 1 + Glocken Reit. B	4
Bank	Prg.	ORGAN + 2 REITERATION	V
Use MIDI controller 56 to adjust the volume of the Xylophon Reiteration, and MIDI controller 57 to adjust the volume of the Glocken Reiteration.			
38	57	T. Piston 5 + Glocken Reit. P.	4
38	58	T. Piston 5 + Glocken Reit. A	4
38	59	T. Piston 5 + Glocken Reit. B	4
38	60	T. Mighty + Xylo. + Glock. P.	4
38	61	T. Mighty + Xylo. + Glock. A	4
38	62	T. Mighty + Xylo. + Glock. B	4
Bank	Prg.	ORGAN + SINGLE PERC.	V
Use MIDI controller 57 to adjust the volume of the Glocke and controller 56 to adjust the organ sound.			
38	63	Tower Solo 6 Gt6 + Glocke	3
38	64	Tower Piston 5 + Glocke	3
38	65	Tower Piston 2 + Glocke	3
38	66	Tower Piston 4 + Glocke	3
38	67	Tibias 8'+2' + Glocke	3
38	68	TibiaVox 8'+4' + Glocke	3
38	69	Melotone + Glocke	3
38	70	Tower Tubas + Glocke	3
38	71	Tower Accomp. 1 + Glocke	3

Bank	Prg.	PIANO + ORGAN	V
Use MIDI controller 57 to adjust the volume of the Piano and MIDI controller 56 to adjust the organ volume. Velocity to control the brightness of the Piano sound.			
38	72	Piano + Tower Piston 2 A	4
38	73	Piano + Tower Piston 2 B	4
38	74	Piano + Tower Piston 2 C	4
38	75	Piano + Tower Piston 4 A	4
38	76	Piano + Tower Piston 4 B	4
38	77	Piano + Tower Piston 4 C	4
38	78	Piano + Tower Piston 5 A	4
38	79	Piano + Tower Piston 5 B	4
38	80	Piano + Tower Piston 5 C	4
38	81	Piano + Tower Tubas A	4
38	82	Piano + Tower Tubas B	4
38	83	Piano + Tower Tubas C	4
38	84	Piano + Tower Mighty A	4
38	85	Piano + Tower Mighty B	4
38	86	Piano + Tower Mighty C	4
38	87	Piano + Tibias 8'+2' A	4
38	88	Piano + Tibias 8'+2' B	4
38	89	Piano + Tibias 8'+2' C	4
38	90	Piano + Tower Royale 1 A	4
38	91	Piano + Tower Royale 1 B	4
38	92	Piano + Tower Royale 1 C	4
38	93	Piano + Tower Royale 2 A	4
38	94	Piano + Tower Royale 2 B	4
38	95	Piano + Tower Royale 2 C	4
Bank	Prg.	GRAND PIANO	V
Piano responds to key velocity.			
38	96	Grand Piano Dynamic 1	3
38	97	Grand Piano Dynamic 2	3
38	98	Grand Piano Dynamic 3	3
Piano does NOT respond to key velocity.			
38	99	Grand Piano 1	3
38	100	Grand Piano 2	3
38	101	Grand Piano 3	3
38	102	Grand Piano 4	3
38	103	Octave Piano	4
38	104	Piano Q + T	4

Bank	Prg.	BONUS SOUNDS	V
38	105	German Organ Percussion	4
38	106	German Organ Stop	4
38	107	German Organ Stop	4
Bank	Prg.	TRAPS & TOYS	V
38	119	All TrapsToys - from note C6	3
38	120	Bird	3
38	121	Cymbal	3
38	122	Firebell	3
38	123	Klaxon	3
38	124	Snare	3
38	125	Whistle 1	3
38	126	Whistle 2	3
38	128	Silence / no sound	-

MIDI IMPLEMENTATION

	Recognized	
Basic Default	1 - 16	
Mode	3 poly mode	
Messages		
Note number	* 12-109	* depends on sounds
Velocity Note ON	9nH _v =1-127 o	
Note OFF	9nH _v =0 x	
Key aftertouch	o	
Touch aftertouch	o	
Pitch Bend	0-12	
Bank Select	38 only	* depends on sound board
Controller	01 - Modulation	
	05 - Portamento time	
	06 - Data Entry	
	07 - Volumen	
	10 - Panorama	
	11 - Expression	
	64 - Sustain	
	65 - Portamento	
	66 - Sostenuto	
	71 - Filter resonance	
	72 - ENVELOPE Release	
	73 - ENVELOPE Attack	
	74 - Filter cutoff	
	75 - ENVELOPE Decay	
	76 - Vibrato rate	
	77 - Vibrato depth	
	78 - Vibrato delay	

MIDI IMPLEMENTATION

	84 - Portamento control	
	91 - Reverb send	
	93 - Chorus send	
	120 - All sound off	
	121 - Reset all controllers	
	123 - All note off	
	126 - Mono-mode	
	127 - Poly-mode	
RPN 0000H	BnH 65H 00H 64H 00H 06H vv	Pitch bend sensitive in semitone (default=2)
RPN 0001H Fine tune in cent	BnH 65H 00H 64H 01H 06H vv	vv=00 -100 vv=40H 0 vv=7FH +100
RPN 0002H Coarse tune half tone	BnH 65H 00H 64H 02H 06H vv	vv=00 -64 vv=40H 0 vv=7FH +64
NRPN 18rrH	BnH 63H 18H 62H rr 06H vv	Pitch coarse of perc. rr in semitone (vv=40H->no modif)
NRPN 1ArrH	BnH 63H 1AH 62H rr 06H vv	Level of perc. sound rr (vv=00 to 7FH)
NRPN 1CrrH	BnH 63H 1CH 62H rr 06H vv	Pan of perc. sound rr (40H = middle)
NRPN 1DrrH	BnH 63H 1DH 62H rr 06H vv	Reverb send level of perc rr (vv=00 to 7FH)
AUX AUDIO OUT	BnH 63H 38H 62H rr 06H vv	rr = MIDI channel - CH1 = 00 CH2 = 01 vv = 0 MAIN 127=AUX Example :Set CH1 to AUX - send 3 MIDI controllers: cc99 value 56 + cc98 value 00 + cc06 value 127 * depends on sound board
(Reverb return is fixed in Main out)	0-127	
Program Change :		
System Exclusive:		
SYSEX	F0H 7EH 7FH 09H 01H F7H	General MIDI Reset
SYSEX	F0H 7FH 7FH 04H 01H 00H II F7H	Master volume (II=0 to 127, default 127)
SYSEX DSP1	F0h,41h,00h,42h,12h,40h,7Fh,7Fh,xxh,00h,F7h xxh=Effekt 00h=HALL1 01h=HALL2 02h=ROOM1 03h=ROOM2 04h=ROOM3" 05h=PLATE1 06h=PLATE2 07h=PLATE3 08h=CHORUS 09h=FLANGE 0Ah=DELAY1 0Bh=DELAY2 0Ch=CHORUS/ROOM1 0Dh=CHORUS/ROOM2 0Eh=VOCAL CANCEL 0Fh=ROTARY SPEAKER	
SYSEX DSP2	F0h,41h,00h,42h,12h,40h,01h,38h,xxh,00h,F7h	xxh=Effekt 0h=CHORUS 1 01h=CHORUS 2 02h=CHORUS 3 03h=CHORUS 4 04h=FEEDBACK 05h=FLANGER 06h=SHORT DELAY 07h=FB DELAY

