



Website Exclusive Decoders

Sound Selections for Tsunami2 for Big Steam
Tsunami2 Big Steam Part Numbers: 884011, 884012, 884013

CV 120 Whistles	CV Value	CV 120 Whistles	CV Value
ATSF Step Top 6-Chime	0	Southern Railway 8" Flat Top Single-Chime	46
Baldwin 3-Chime	1	Southern Railway Iron Top 3-Chime	47
Baldwin Single-Chime	2	Southern Railway Flat Top 3-Chime	48
Baldwin Flat Top 3-Chime	3	Southern Pacific Step Top 6-Chime (1)	49
Baltimore & Ohio 3-Chime	4	Southern Pacific Step Top 6-Chime (2)	50
Boston & Maine Step Top 5-Chime	5	Southern Pacific GS-4 No.4449 Whistle	51
C&O Flat Top Single-Chime	6	SP GS-AC Classes A200 Airhorn	52
Colorado & Southern No.74 (Road)	7	Hancock 3-Chime Union Pacific No.3985	53
Colorado & Southern No. 74 (Yard)	8	USRA Step Top 6-Chime	54
Colorado & Southern No. 801	9	Westside Lumber Co. 5-Chime	55
Crosby 5" Flat Top 3-Chime	10	Westside Lumber Co. 6-Chime	56
Crosby 6" Flat Top 3-Chime (Road)	11	Heisler	57
Crosby 6" Flat Top 3-Chime (Yard)	12	Round Top Single-Chime "Peanut"	58
D&RGW Flat Top Single-Chime	13	Wabco E2 Airhorn	59
C-19 No.340 (Road)	14	ATSF Single-Chime	60
C-19 No.340 (Yard)	15	British Rail Single-Chime	61
D&RGW K-27 No.463 (Road)	16	LNER A4 3-Chime	62
D&RGW K-27 No.463 (Yard)	17	Western Pacific 5-Chime	63
D&RGW Flat Top 3-Chime K-28 No.473	18	ALCO Step Top 5-Chime (Road)	64
D&RGW Step Top 5-Chime K-36 No.487	19	ALCO Step Top 5-Chime (Yard)	65
Nathan Step Top 5-Chime D&RGW No.488	20	Frisco Step Top 6-Chime (Road)	66
Powell Round Top 3-Chime D&RGW No.489	21	Frisco Step Top 6-Chime (Yard)	67
K-36 No.489 (Broken Chime)	22	CB&Q Step Top 3-Chime Cut Down	68
K-37 No.497 5-Chime	23	Bell Field Bowl 3-Chime	69
Frisco No.1522 3-Chime "Steamboat"	24	Star Brass 3-Chime	70
Hancock Step Top 3-Chime	25	Nathan Step Top 6-Chime	71
Hancock Flat Top 3-Chime UP No.4018	26	Southern Pacific Step Top 6-Chime (Road)	72
Hancock Flat Top 3-Chime	27	Southern Pacific Step Top Desert 5-Chime	73
Hancock Short Bell 3-Chime (Road)	28	Canadian 6-Chime	74
Hancock Short Bell 3-Chime (Yard)	29	W&LE Step Top 5-Chime	75
Illinois Central 3-Chime "Steamboat"	30	Replica 6-Chime Long Bell	76
Lehigh Valley Single-Chime	31	T&P Step Top 5-Chime	77
Lima Step Top 5-Chime	32	ATSF 6-Chime	78
Lunkenheimer Flat Top 3-Chime	33	Southern 3-Chime Brass (Road)	79
L&N Passenger 3-Chime	34	Crosby 3-Chime	80
L&N Freight 3-Chime	35	Hancock Short Bell 3-Chime	81
Milwaukee Road Step Top 6-Chime	36	Hancock Step Top 3-Chime	82
Nathan Step Top 5-Chime (Road)	37	CB&Q Step Top 3-Chime (Road)	83
Nathan Step Top 5-Chime (Yard)	38	CB&Q Step Top 3-Chime (Yard)	84
Nathan Step Top 5-Chime	39	N&W Flat Top Single-Chime "Hooter"	85
N&W Step Top 3-Chime No.611	40	ATSF Flat Top 3-Chime	86
N&W Flat Top Single-Chime No.1218	41	D&RGW 8" Single-Chime	87
PRR Round Top 3-Chime	42	CN Flat Top 3-Chime	88
PRR Flat Top Single-Chime "Banshee"	43	ACL Round Top 3-Chime	89
Reading Flat Top 6-Chime (1)	44	Hancock Flat Top 3-Chime "UP No. 4014" (Road)	90
Reading Flat Top 6-Chime (2)	45	Hancock Flat Top 3-Chime "UP No. 4014" (Yard)	91

CV 122 Bells		CV Value	CV 122 Bells		CV Value
Heavy Brass (1)		0-4	Air Rung Medium Brass		32-33
Light Brass (1)		5-9	Medium Brass (3)		34-38
Medium Brass (1)		10-14	Medium Brass (4)		39-43
Medium Brass (2)		15-19	Light Steel		44-48
Heavy Brass (2)		20-24	Heavy Brass (4)		49-53
Air-Rung Heavy Brass		25-26	Air Rung Heavy Bras		54-58 (58 Default)
Heavy Brass (3)		27-31			
CV 123 Exhaust Chuffs		CV Value	CV 123 Exhaust Chuffs		CV Value
Medium (1)		0	Heavy (2)		4
Medium (2)		1	Heavy (3)		5
Medium (3)		2	Heavy (4) (Big Boy #4014)		6
Heavy (1)		3			
CV 124 Airpumps		CV Value	CV 124 Airpumps		CV Value
Single-Phase (1)		0	Dual "Whistling" Cross-Compound		6
Single-Phase (2)		1	Dual Single-Phase		7
Cross-Compound (1) (Westside Shay)		2	Dual Cross-Compound		8
Cross-Compound (2)		3	Vacuum Pump		9
Cross-Compound (3)		4	Big Boy Air Pump		10
Cross-Compound (4)		5			
CV 125 Dynamos		CV Value	CV 125 Dynamos		CV Value
Dynamo (1)		0	Dynamo (5)		4
Dynamo (2)		1	Muffled Dynamo		5
Dynamo (3)		2	Double Dynamos		6
Dynamo (4) Union Pacific No.4018		3	Big Boy Dynamo		7
CV 126 Coupler		CV Value	CV 126 Coupler		CV Value
Light		128	Link & Pin		130
Heavy		129			
Default Function Assignments					
F0	Front/Rear Headlights & Dynamo	F9	Alternate Mixer (Half Volume)	F20	Injectors
F1	Bell	F11	Independent/Train Brake	F21	Sander Valve
F2	Whistle	F12	Brake Select/Train Line Charge	F22	Cab Chatter
F3	Short Whistle	F13	Couple/Uncouple	F23	All Aboard/Coach Doors
F4	Cylinder Cocks	F14	Switching Mode	F24	FX3 Light
F5	Cutoff+	F15	Wheel Chains	F25	FX4 Light
F6	Cutoff-	F16	Water Stop	F26	FX5 Light
F7	Dimmer	F17	Fuel Loading	F27	FX6 Light
F8	Mute	F18	Ash Dump	F28	(not used) *FX7 & FX8 on select decoder formats
F9	Grade Crossing Signal	F19	Wheel Slip		

Configuration Variable Default Values

CV	Description	Value	CV	Description	Value	CV	Description	Value
112	Sound Configuration 1	202	255	Sound Rom ID Byte 3	8	256	Sound Rom ID Byte 4	85

If a CV or a sound selection is not listed within this documentation, the default value or selection choices match those of aftermarket SoundTraxx products. For more information about unlisted items, please refer to the Tsunami2 product documentation found on our website.