ESU

## Sound Project Overview

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Project-Name:		Version-No.:	Project-No.:				
ROCO BR01.10		V3	11464				
Item-No.:		Order-No.:	Order-No.:				
Customer:		Contact person:					
Modelleisenbahn München GmbH Triebstrasse 14 80993 München		Thomas Weißl					
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		Email:					
		t.weissl@roco.cc					
Project start:	Project status	: Date of approval:					
April 08, 2013	Active	Date of approval.					
Sound recording docum	entation						
Origin of the sound:			Recording date:				
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Origin of the sound:			Recording date:				
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## **Decoder information Decodertype:** Loudspeaker: **Configuration:** 2 x 15x11mm, 8 Ohms 1 speaker directed upwards; enclosure LokSound V4.0 M4 Firmware-Version: 4.7.9148 **Decoder Setup** Address: **Protocols:** max. speed: **Break sections:** CV5=177 ~ 150km/h 3 DC Motorola M DCC ⊠ Märklin ⊠ DCC AC ⊠ mfx/M4 DCC Selectrix Railcom + Prime mover sound description: - steam sound **Function keys:** Licht, Lichtmaschine Sound ein/aus F2 Pfeife Kurz F3 Pfeife Lang Schaffnerpfiff F4 F5 Kohle schaufeln F6 Rangiergang AUX1 **F7** F8 Luftpumpe F9 Wasserpumpe F10 Injektor F11 | Kuppeln F12 | Sanden F13 Bremse lösen/anlegen F14 Bahnhofsdurchsage F15 Zylinder ausblasen F16 Abschlammen F17 Sicherheitsventil F18 | Schienenstöße an/aus (nur bei Fahrt und wenn F1 aktiv) F19 Kurvenquietschen (nur bei Fahrt und wenn F1 aktiv) Stopfbuchse (nur bei Fahrt und wenn F1 aktiv) F20 **Special features:** Coal shoveling, air pump, water pump, safety valve, injector as random sounds

CV-	Values								
CV	DEC BIN	HEX	CV	DEC BIN	HEX	CV	DEC B	IN	HEX
L			1			1			

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Revision		
Date issued:	Sent by:	Customer's feedback date:
	email	
Customer's feedback	(change requests):	
Hallo Herr Macz	iol,	
danke für die ne	ue Version.	
	gsgeräusch beim Richtungswechs schlagsbetonung sollte idealerweis	el um 1/3 kürzen und -3dB leiser. e ab 50% Geschwindigkeit völlig verschwinden.
Mit freundlichen	Grüßen	
Thomas Weißl		
Changes in comparis	on to the former version:	
	d the volume and the length of the dire	
- changing the acc	entuation of the leading steam chuffs is	unfortunately not possible
Approval note added		
Production file gener	rated by:	Date of generating:
Daniel Macziol		May 03, 2013
Manual generated by	<i>7</i> :	Manual generated from: