ESU

General project information

Project-Name:

Roco BR 03.10

Project-No.:

11407

Item-No.:

Order-No.:

Customer:

Roco Modellspielwaren GmbH
Rifer Hauptstrasse 21
A-5400 Hallein

Contact person:

Hr. Bauer

Tel.-No.:

Email:

Project start:

09-29-05

Project status:

Active

Date of approval:

OEM-Manual required ☐

Sound recording documentation

Origin of the sound:

BR44 (ESU:52402)

Recording date:

Comments:

ESU

Decoder information

Decodertype:

LokSound V3.5

Firmware-Version:

0.0.5657

Loudspeaker:

already installed by manufacturer

Configuration:

Decoder Setup

Address:

3

max. speed:

43

Protocols:

DC	☒	Motorola	☒
AC	☒	mfx	☐
DCC	☒	Selectrix	☐

Break sections:

DCC	☒
Märklin	☒

Prime mover sound description:

steam locomotive sound, 3 cylinders locomotive,

Function keys:

F0	Light on/off
F1	Sound on/off
F2	Special feature
F3	Whistle
F4	Coal loading
F5	Waterpump
F6	Shunting Mode
F7	Short Whistle
F8	Injector
F9	---
F10	---
F11	---
F12	---
F13	---
F14	---
F15	---
F16	---
F17	---
F18	---
F19	---
F20	---

Special features:

auf F1 ist zusätzlich der Raucgenerator geschaltet

auf F2: Umlaufbeleuchtung

ESU

CV-Values

CV	DEC	BIN	HEX	CV	DEC	BIN	HEX	CV	DEC	BIN	HEX
CV 001 =	003	00000011	0x03	CV 112 =	015	00001111	0x0F	CV 176 =	005	00000101	0x05
CV 002 =	003	00000011	0x03	CV 113 =	015	00001111	0x0F	CV 177 =	000	00000000	0x00
CV 003 =	012	00001100	0x0C	CV 114 =	015	00001111	0x0F	CV 178 =	003	00000011	0x00
CV 004 =	005	00000101	0x05	CV 115 =	015	00001111	0x0F	CV 179 =	000	00000000	0x00
CV 005 =	043	00101011	0x2B	CV 116 =	015	00001111	0x0F	CV 180 =	000	00000000	0x00
CV 006 =	022	00010110	0x16	CV 117 =	000	00000000	0x00	CV 181 =	003	00000011	0x00
CV 013 =	003	00000011	0x00	CV 118 =	000	00000000	0x00	CV 182 =	000	00000000	0x00
CV 014 =	003	00000011	0x03	CV 121 =	061	00111101	0x3D	CV 183 =	000	00000000	0x00
CV 017 =	192	11000000	0xC0	CV 122 =	064	01000000	0x40	CV 184 =	000	00000000	0x00
CV 018 =	000	00000000	0x00	CV 123 =	064	01000000	0x40	CV 185 =	003	00000011	0x03
CV 019 =	000	00000000	0x00	CV 124 =	000	00000000	0x00	CV 186 =	000	00000000	0x00
CV 021 =	000	00000000	0x00	CV 125 =	020	00010100	0x14	CV 187 =	000	00000000	0x00
CV 022 =	000	00000000	0x00	CV 126 =	055	00110111	0x37	CV 188 =	003	00000011	0x03
CV 029 =	004	00000100	0x04	CV 127 =	010	00001010	0x0A	CV 189 =	000	00000000	0x00
CV 049 =	027	00011011	0x05	CV 128 =	035	00100011	0x23	CV 190 =	000	00000000	0x00
CV 050 =	003	00000011	0x03	CV 129 =	000	00000000	0x00	CV 191 =	007	00000111	0x07
CV 051 =	003	00000011	0x03	CV 130 =	000	00000000	0x00	CV 192 =	000	00000000	0x00
CV 052 =	000	00000000	0x00	CV 131 =	000	00000000	0x00	CV 193 =	000	00000000	0x00
CV 053 =	040	00101000	0x28	CV 132 =	000	00000000	0x00	CV 194 =	007	00000111	0x07
CV 054 =	030	00011110	0x1E	CV 133 =	000	00000000	0x00	CV 195 =	000	00000000	0x00
CV 055 =	010	00001010	0x0A	CV 134 =	000	00000000	0x00	CV 196 =	000	00000000	0x00
CV 056 =	064	01000000	0x40	CV 135 =	000	00000000	0x00	CV 197 =	000	00000000	0x00
CV 057 =	020	00010100	0x14	CV 136 =	000	00000000	0x00	CV 198 =	000	00000000	0x00
CV 058 =	092	01011100	0x5C	CV 137 =	000	00000000	0x00	CV 199 =	000	00000000	0x00
CV 059 =	032	00100000	0x20	CV 138 =	000	00000000	0x00	CV 200 =	000	00000000	0x00
CV 060 =	040	00101000	0x28	CV 139 =	000	00000000	0x00	CV 201 =	000	00000000	0x00
CV 061 =	040	00101000	0x28	CV 140 =	000	00000000	0x00	CV 202 =	000	00000000	0x00
CV 062 =	064	01000000	0x40	CV 141 =	001	00000001	0x00	CV 203 =	000	00000000	0x00
CV 063 =	064	01000000	0x40	CV 142 =	000	00000000	0x00	CV 204 =	000	00000000	0x00
CV 064 =	007	00000111	0x07	CV 143 =	001	00000001	0x01	CV 205 =	000	00000000	0x00
CV 066 =	000	00000000	0x00	CV 144 =	002	00000010	0x00	CV 206 =	000	00000000	0x00
CV 067 =	003	00000011	0x03	CV 145 =	000	00000000	0x00	CV 207 =	000	00000000	0x00
CV 068 =	005	00000101	0x05	CV 146 =	001	00000001	0x01	CV 208 =	000	00000000	0x00
CV 069 =	008	00001000	0x08	CV 147 =	004	00000100	0x00	CV 209 =	000	00000000	0x00
CV 070 =	011	00001011	0x0B	CV 148 =	004	00000100	0x00	CV 210 =	000	00000000	0x00
CV 071 =	015	00001111	0x0F	CV 149 =	000	00000000	0x00	CV 211 =	000	00000000	0x00
CV 072 =	018	00010010	0x12	CV 150 =	004	00000100	0x00	CV 212 =	000	00000000	0x00
CV 073 =	022	00010110	0x16	CV 151 =	004	00000100	0x00	CV 213 =	000	00000000	0x00
CV 074 =	026	00011010	0x1A	CV 152 =	000	00000000	0x00	CV 214 =	000	00000000	0x00
CV 075 =	030	00011110	0x1E	CV 153 =	008	00001000	0x00	CV 215 =	000	00000000	0x00
CV 076 =	034	00100010	0x22	CV 154 =	000	00000000	0x00	CV 216 =	000	00000000	0x00
CV 077 =	040	00101000	0x28	CV 155 =	001	00000001	0x01	CV 217 =	000	00000000	0x00
CV 078 =	046	00101110	0x2E	CV 156 =	008	00001000	0x00	CV 218 =	000	00000000	0x00
CV 079 =	052	00110100	0x34	CV 157 =	000	00000000	0x00	CV 219 =	000	00000000	0x00
CV 080 =	058	00111010	0x3A	CV 158 =	001	00000001	0x01	CV 220 =	000	00000000	0x00
CV 081 =	066	01000010	0x42	CV 159 =	000	00000000	0x00	CV 221 =	000	00000000	0x00
CV 082 =	074	01001010	0x4A	CV 160 =	000	00000000	0x00	CV 222 =	000	00000000	0x00
CV 083 =	082	01010010	0x52	CV 161 =	002	00000010	0x02	CV 223 =	000	00000000	0x00
CV 084 =	090	01011010	0x5A	CV 162 =	000	00000000	0x00	CV 224 =	000	00000000	0x00
CV 085 =	100	01100100	0x64	CV 163 =	000	00000000	0x00	CV 225 =	000	00000000	0x00
CV 086 =	110	01101110	0x6E	CV 164 =	002	00000010	0x02	CV 226 =	000	00000000	0x00
CV 087 =	124	01111100	0x7C	CV 165 =	000	00000000	0x00	CV 227 =	000	00000000	0x00
CV 088 =	136	10001000	0x88	CV 166 =	000	00000000	0x00	CV 228 =	000	00000000	0x00
CV 089 =	152	10011000	0x98	CV 167 =	004	00000100	0x04	CV 229 =	000	00000000	0x00
CV 090 =	168	10101000	0xA8	CV 168 =	000	00000000	0x00	CV 230 =	000	00000000	0x00
CV 091 =	188	10111100	0xBC	CV 169 =	000	00000000	0x00	CV 231 =	000	00000000	0x00
CV 092 =	208	11010000	0xD0	CV 170 =	004	00000100	0x04	CV 232 =	000	00000000	0x00
CV 093 =	230	11100110	0xE6	CV 171 =	000	00000000	0x00	CV 233 =	000	00000000	0x00
CV 094 =	255	11111111	0xFF	CV 172 =	000	00000000	0x00	CV 234 =	000	00000000	0x00
CV 095 =	000	00000000	0x00	CV 173 =	005	00000101	0x05	CV 235 =	000	00000000	0x00
				CV 174 =	000	00000000	0x00	CV 236 =	000	00000000	0x00
				CV 175 =	000	00000000	0x00				