

**A Comparison of MFC-03 Multi-Function Control Unit "Euro-Style" (Item 56523) and MFC-01 Multi-Function Control Unit (Item 56511)**

※nb. MFC-03 sounds were recorded from an L6 diesel engine, commonly-used in European vehicles.

SOUND EFFECTS			
No.	Function	MFC-01	MFC-03
<01>	Ignition	x	●
<02>	Alarm 1 (while engine is pre-heating)	●	●
<03>	Pre-heating	x	●
<04>	Engine start 1 (successful)	●	●
<05>	Engine start 2 (failed)	x	●
<06>	Idling	●	●
<07>	Engine sound 1 (with trailer)	●	●
<08>	Engine sound 2 (without trailer)	●	●
<09>	Engine sound 3 (revving)	●	●
<10>	Engine stop	●	●
<11>	Up-shifting	●	●
<12>	Down-shifting	●	●
<13>	Horn A (lower tone)	●	●
<14>	Horn B (higher tone)	x	●
<15>	Coupler attachment	●	●
<16>	Coupler detachment	●	●
<17>	Brake	●	●
<18>	Winker 1	●	●
<19>	Winker 2	●	●
<20>	Hazard lamp 1	●	●
<21>	Hazard lamp 2	x	●
<22>	Reverse alarm	●	●
<23>	Alarm 2 (lights on while engine stopped)	●	●
<24>	Alarm 3 (low electric field intensity)	x	●
<25>	Alarm 4 (speaker check)	●	●
<26>	Air discharging 1 (after engine start)	x	●
<27>	Air discharging 2 (parking brake engaged)	●	●
<28>	Air discharging 3 (upon return to neutral)	●	●
<29>	Air discharging 4 (idling)	●	●
<30>	Air discharging 5 (when running)	●	●
<31>	Air discharging 6 (braking)	●	●
<32>	Air discharging 7 (after engine stop)	x	●
<33>	Air discharging 8 (manually emitted)	●	●
(TOTAL)		25	33

LIGHT EFFECTS			
No.	Function	MFC-01	MFC-03
<01>	Headlights 1	●	●
<02>	Headlights 2	●	x
<03>	Fog lamp	●	●
<04>	Main beam	x	●
<05>	Brake lights	●	●
<06>	Reverse lights	●	●
<07>	Winkers	●	●
<08>	Hazard lights	●	●
<09>	Auxiliary lights	●	●
<10>	Roof lamps	●	●
<11>	Speed indicators	●	●
<12>	Item 56502 (Option Parts) light set	●	●
<13>	Low voltage	x	●
<14>	Demo mode pattern 1 (manual lights)	●	●
<15>	Demo mode pattern 2 (slow flashing)	x	●
<16>	Demo mode pattern 3 (slow illumination)	x	●
<17>	Demo mode pattern 4 (quick illumination)	x	●
(TOTAL)		12	16

MODES			
No.	Function	MFC-01	MFC-03
<01>	Multi mode (driving & sounds/lights/vibration)	●	●
<02>	R/C mode (driving only, no sounds/lights/vibration)	●	●
<03>	Demo mode (display mode, no transmitter operation)	(limited)	●
<03a>	Demo mode pattern 1 (manual lights)	●	●
<03b>	Demo mode pattern 2 (slow flashing)	x	●
<03c>	Demo mode pattern 3 (slow illumination)	x	●
<03d>	Demo mode pattern 4 (quick illumination)	x	●

<b>TRANSMITTER OPERATION</b>			
No.	Function	MFC-01	MFC-03
<01>	1ch - Steering	●	●
<02>	1ch - Winkers	●	●
<03>	2ch - Throttle	●	●
<04>	3ch - Main beam	×	●
<05>	3ch - Horn	●	●
<06>	3ch - Clutch	×	●
<07>	3ch - Engine start	×	●
<08>	3ch - Semi-trailer detachment	●	●
<09>	3ch & option parts - Support leg extension	●	●
<10>	3ch & option parts - Support leg retraction	●	●
<11>	3ch - Winker preparation	×	●
<12>	3ch - Winker cancel	×	●
<13>	4ch - Shift changes	●	●
<14>	4ch - Change in engine sound after shifting	×	●
<15>	3ch special - Selecting lights	●	●
<16>	3ch special - Winker/hazard lamp switching	●	●
<17>	4ch special - Selecting revving mode	●	×
<18>	4ch special - Selecting horn	×	●
<19>	4ch special - Support leg/horn switching	●	●
<20>	3 & 4ch special - Simulated engine stop / engine start preparation	●	●
<21>	1 & 3ch special - winker sound switching	×	●
<22>	1, 3 & 4ch special - Shift position setting	×	●
<b>(TOTAL)</b>		<b>13</b>	<b>21</b>

<b>VIBRATION</b>			
No.	Function	MFC-01	MFC-03
<01>	Vibration unit	●	●
<02>	Vibration unit adjuster	●	●

<b>ELECTRONIC SPEED CONTROLLER (ESC)</b>			
No.	Function	MFC-01	MFC-03
<01>	ESC function	●	●
<02>	ESC throttle output adjuster	×	●

<b>TEACHING MODE (Adjusting device)</b>			
No.	Function	MFC-01	MFC-03
<01>	Transmitter teaching (configuring channels)	●	●
<02>	Trim teaching (configuring transmitter trim channels)	×	●
<03>	Transmission teaching (defining shift positions)	×	●
<04>	Deadband adjustment trim	●	×
<05>	Deadband adjustment switch	×	●