



## FMR 800-M/C SET Machine Control Receiver

» **Machine control receiver used with construction machinery to increase accuracy and boost productivity. For continuous tilt and height control.**

- Bulldozer: Blade tilt and height control
- Excavator: Bucket tilt and height control
- RF Communication link to the remote display



1 Clamp

TECHNICAL DATA	FMR 800-M/C	MACHINE CONNECTION	FEATURES
Beam Reception angle	360°	<ul style="list-style-type: none"> <li>· Magnetic connection directly to the machine</li> <li>· Clamp connection to the machine mast</li> <li>· Mast diameter 40–50 mm</li> </ul>	<ul style="list-style-type: none"> <li>· Length of receiving window 27 cm</li> <li>· Will detect the beam from any brand of rotating laser (red)</li> <li>· Dust / water protected metal housing</li> <li>· Wireless remote display with suction pad and integrated magnets</li> </ul>
Detectable rotating laser speeds rpm	300 - 1200		
Working range class 2-Laser	250 m		
Working range class 3R-Laser	350 m		
Battery recharging time	4 -5h		
Automatic Power-off, after	60 min.		
Dust / water protection	IP 66		
Operating temperature	-10°C - +50°C		
Dimensions	370 x 132 x 92mm		
Weight (receiver only)	3,95 kg		

### BULLDOZER MODE

#### Blade tilt

(Receiver movement left / right tilted)

Accuracy	fine / standard / coarse
	± 0.5° / ± 1.5° / ± 2.5°
Indication LED (left / right sideways)	5

#### Height indication

(Receiver movement up / down)

Accuracy	fine / standard / coarse
	± 2 / ± 5 / ± 15 mm
Indication LED (up / down)	3

### EXCAVATOR MODE

#### Bucket tilt

(Receiver movement in longitudinal direction forward / backward tilted)

Accuracy	fine / standard / coarse
	± 0.5° / ± 1.5° / ± 2.5°
Indication LED, grouped	3
	3 signals: rapid/slow flashing, permanent light

#### Height indication

(Receiver movement up / down)

Accuracy	fine / standard / coarse
	± 2 / ± 5 / ± 15 mm
Indication LED, (up / down) grouped	4
	Extended upper LED for bucket dipping motion

# FRD 807

## Remote Display



TECHNICAL DATA	FRD 807	SUPPLIED WITH REMOTE DISPLAY FRD 807
Wireless (RF) communication range	10 m	ART.-NO. 264540
Communication channels	3	<ul style="list-style-type: none"> <li>Remote display FRD 807</li> <li>Suction pad</li> <li>Batteries</li> </ul>
Machine connection:	<ul style="list-style-type: none"> <li>integrated magnetic pads</li> <li>strong suction pad for cabin windscreen</li> </ul>	
Power supply	6 x AA alkaline	
Dimensions	170 x 100 x 42 mm	
Weight	1.1 kg	

1 Suction pad attachment

### SUPPLIED WITH FMR 800-M/C SET

ART.-NO. 264550

- SET Machine receiver FMR 800-M/C with built-in rechargeable battery
- Charger
- Remote display FRD 807 with suction pad and batteries
- Hard carrying case

### SUPPLIED WITH FMR 800-M/C

ART.-NO. 264500

- Machine receiver FRM 800-M/C with built-in rechargeable battery
- Charger
- Hard carrying case

### OPTIONAL MAGNETIC SUPPORT

ART.-NO. 290810

- For connecting receiver to excavator bucket
- To be used with FMR 800 fitted with clamps

