

1. License MB MEMO

The license allows to Read/Write FLASH and EEPROMs of MR (PLD) control unit.

It is possible to connect to the unit via:

- OBD (MR is mounted inside truck) or
- Direct connection with DirectConnect 2M tool (MR is placed on your table).

This function is especially useful for chiptuning works and recovering unit after the broken update. All operations are done via OBD, there is no need to decapsulate/open the unit, so unit stays in factory condition and therefore no warranty is voided.

This function allows cloning MR. You read one MR, save to *.bin file, and write it to another MR.

2. License MB KEYS

MB Keys learn - allows to add new keys for the truck over OBD (MR (PLD) control unit). No additional equipment is used, all operations are done offline, the only connection to the truck required.

It is possible to add new key, erase old keys, while connected to the unit via:

- OBD (MR is mounted inside truck) or
- Direct connection with DirectConnect 2M tool (MR is placed on your table).

Disable immobilizer in FR and MR. IMMO OFF.

3. License MB CALC

MB VeDoc and FDOK calculators - calculates access codes for VeDoc (X1, X2, X8) and FDOK (XT, XN, XS) algorithms for MR (PLD) control unit.

Must be used together with XENTRY (DAS) software and compatible diagnostic tool where these codes are asked. All operations are done offline. Only connection to the truck required for VEDOC.

For FDOK calculations not needed connection to the truck. FDOK code for new and old DAS.

DAS password generator - calculates password asked by DAS to access some special functions (MR downgrade from Euro 4, 5 to Euro 3 etc. Disable AdBlue)

4. License FR

The license allows accessing FR memory. Supported FMR; FR; FR/CPC; CPC1EU; CPC2EU. Immo off in FR.

Not supported: CPC2 NAFTA; CPC2+ NAFTA; CPC4 NAFTA; CPC3; ADM2; ADM3.

5. License 2011+

For PLD memory read and write operation (category memo) PLD with XC2287 secured microprocessor, made on 2011 and later. The license allows accessing firmware 22B, 23E, 24B from 2011 year.

Continental Euro5 PLD: (MCU XC2287 (flash 768kB), 1 EEPROM M95640). Not locked processor supported.

Note: MB MEMO license needed.

6. License 2014+

For PLD memory read and write operation (category memo) PLD with XC2287 secured microprocessor. The license allows accessing firmware 21x, 23F, 24C, 25x, 26x from 2014 year. Open access Read/Write memory for PLD, made on 2014 and later, with microprocessor Infineon XC2287.

Continental Euro5 PLD: (MCU XC2287 (flash 768kB), 1 EEPROM M95640). Locked processor supported. PLD must be opened. Manual will be provided by support team.

Note: DirectConnect2M tool and License MB MEMO are required.

7. License 2018+

For PLD memory read and write operation (category memo) PLD with XC2288 secured microprocessor. The license allows accessing firmware 30C from 2018 year. Open access Read/Write memory for PLD, made on 2018 and later, with microprocessor Infineon XC2288.

Note: DirectConnect2 tool and License MB MEMO are required.
PLD must be opened. Manual will be provided by support team.

8. License DC2

The license allows work with DirectConnect 2U tool (DC2) for different vehicle control modules programming without complete vehicle system.

ISP helps Read & Write unknown or damaged firmware from vehicle control units. BSL mode, TriCore BL mode, Motorola BKG mode, NEC serial BL ready.

Read/write MR, MCM, ACM, CPC, FR, FFR, ADM. Learn a key for PLD, FFR, PTM. To have all options you need to have appropriate licenses.

9. License CRV

The license allows to Read/Write FLASH & EEPROMs of CRV1 & CRV2 engine control unit of Mercedes S, ML, GL class via OBD2.

10. License CR (CDI)

The license allows to Read/Write FLASH & EEPROMs of CDI engine control unit used in MB V-class, Sprinter and Vito via the diagnostic port. CDI<>WSP pairing.

11. License MCM BSL

A license for Read/Write Flash & exEEPROM of MCM, MCM2, ACM2 control units memory only over DirectConnect 2M tool in BSL mode.

Type 1. Continental MCM (MCU TC1796-256F / TriCore 1 EEPROM M95640) plastic.

Type 2. Continental MCM2 (MCU TC1796-256F / TriCore 1 EEPROM M95128) metallic

Type 4. Continental ACM2

Note: DirectConnect 2M tool is required. Full name of License is MB_MCMACM_BSL

Read procedure takes about 20 minutes.

Write procedure takes about 20 minutes.

12. License SFTP KEYS

EIS/MCM/TCM keys operations added for SFTP EURO6 trucks.

'Read keys info' - TCM, MCM keys status read;

MCM and TCM 'Unpairing' (Online, DC mode, tokens needed);

MCM and TCM 'Pairing' with EIS (Offline, OBD);

License includes 600 tokens for unpairing operations.

13. License SFTP CALC

MB SFTP (MP4) VeDoc calculator (X1; X2; X8).

Calculator works by OBD or by DirectConnect 2M tool.

Important! License work only with appropriate MCM read/write license. You could calculate VeDoc only on MCM you could read/write. *NOTE: SFTP - Strategic Future Truck Platform. Original name of MP4 EURO6 truck.*

14. License IVECO VCM2

IVECO VCM2 FLASH & EEPROM memory Read/Write by OBD or by DirectConnect 2 tool connection.

15. License MB EXTRA

Speed limit R/W for PLD and FR/CPC;
Torque limit R/W;
AdBlue error erase

16. License CPC3 EXTRA

Speed limit R/W for SFTP (MP4): MCM and CPC3;.

17. License ADM EXTRA

Speed limit R/W for PLD and ADM (KAMAZ).

18. License MB DIAG

The license allows to Read DTC with the error description on MP3 and SFTP (MP4) trucks.
Clear DTC.
Read and Erase fault codes. Export a full report to PDF file.

19. License MAN DIAG

The license allows to Read DTC with the error description on MAN trucks.
Clear DTC. Read and Erase fault codes. Export a full report to PDF file.
Supported EDC7 and FFR systems.
Not supported EDC7 and PTM systems.