

Script.CAN.EV.MICROBIRD.ELECTRIC-BUS.POS5.1FDFE4FN_RD.ExtID.v1.1.0.1_MG

MICRO BIRD ELECTRIC BUS CAN Script



The compatibility if this script can only be guaranteed for:

1. Micro Bird Electric Bus model
2. Vehicles with a VIN Number that starts with: **1FDFE4FN_RD**

This script can be used with the following devices:

1. MiX 4000
2. MiX 6000
3. FM3316 and FM3306 Communicators
4. FM3517i and FM3507i Communicators
5. FM3617i and FM3607i Communicators
6. FM3717i and FM3707i Communicators
7. FM3817i and FM3807i Communicators

This script is intended to be used in conjunction with:

Script.CAN.EV.MICROBIRD.ELECTRIC-BUS.POS5.1FDFE4FN_RD.StdID.v1.1.0.1_MG

Version History

Reference	Version	Changes
SCR-2689	v1.0.0.0	<p>This script supports the standard system Parameters:</p> <p>Average energy consumption, Instantaneous energy consumption, Charging status, Voltage level.</p> <p>The script should be compatible with vehicles with a VIN starting with: 1FDFE4FN_RD</p> <p>This script is intended to be used in conjunction with: Script.CAN.EV.MICROBIRD.ELECTRIC-BUS.POS5.1FDFE4FN_RD.StdID.v1.0.0.0_MG_BETA</p>
SCR-2689	v1.1.0.1	Moved SOC into ExtID.
SCR-2689	v1.1.0.1	Converted to Production version.



Supported Parameters

ACRONYM	PARAMETER NAME	PARAMETER DESCRIPTION	Return values/states (if applicable)
AVGKW	System.FM.CAN.AVGKW	EV CAN: Average Power Consumption	65.5 kWh/km = Not Available
FMIPK	System.FM.CAN.FMIPK	EV CAN: Instantaneous Power Consumption	65.5 kWh/km = Not Available
EVICS	System.FM.CAN.EVICS	EV CAN: Charging status	-1 = Initialised 0 = Not Charging 1 = Charging
HVVOL	System.FMS.CAN.HVVOL	EV CAN: HVESS voltage level	0 to 3212.75 V
EBSOC	System.FM.CAN.EBSOC	EV CAN: State of charge	0 - 100 %

Installation Notes

1. **The script is NOT compatible with TRACERS**
2. The CAN jumpers must be in a position to ONLY allow **read** actions on the CAN bus (Passive Mode)
3. The script supports 29-bit CAN headers.
4. The script only supports a CAN bus with a speed of 500 kb/s
5. Device Drivers: [BAS 1.70k - E15.08.27.xx](#) or later sets are supported

Wiring and Installation Instructions

CAN bus location	Pos 5) Other
Wire colours & details	Under steering wheel, gateway module labeled MDD
Can bus speed	CAN_500_kbps
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