

Technical Documentation

AiM connection cable plug&play Yamaha R1 | 5 R6 | 7



TD

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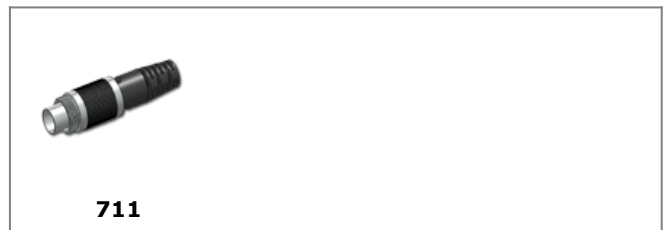
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Informationen AiM CC plug&play Yamaha R1 R6




Device	Solo 2 DL, evo4S, ECULog
Function	CAN Bus
Input	ECU, 7-pin
Cable length	180 cm
Weight	80 gr.

Connector types AiM CC plug&play Yamaha R1 R6




711

Compatibility AiM CC plug&play Yamaha R115 R617

	Manufacturer	Model	Year	
	Yamaha	R1	YZF and YEC	2015 – 2019
		R1M	YZF and YEC	2015 – 2019
		R6	YZF	2017 - 2020
		RaceStudio 3 YAMAHA – CAN_2015		
	Yamaha	R3	YZF	2018 – 2021
		RaceStudio 3 OBDII - CAN		
	Yamaha	MT	07	2014 – 2020
		MT	09	2014 – 2020
		FZ	07	2014 – 2020
		FZ	09	2014 – 2020
		RaceStudio 3 YAMAHA – FZ09_MT09		

RaceStudio 3 settings

ECU:  **YAMAHA - CAN_2015 (ver. 02.00.01) 500 Kbit/sec** Change ECU ?

Enable the CAN Bus 120 Ohm Resistor

Silent on CAN Bus

Enabled Channels (Max. 120) **29 / 29**

ECU: **OBDII - CAN (ver. 03.00.08) 500 Kbit/sec** Change ECU ?

Enable the CAN Bus 120 Ohm Resistor

Silent on CAN Bus

Enabled Channels (Max. 120) **9 / 9**

ECU: **YAMAHA - FZ09 MT09 (ver. 02.00.00) 500 Kbit/sec** Change ECU ?

Enable the CAN Bus 120 Ohm Resistor

Silent on CAN Bus

Enabled Channels (Max. 120) **11 / 11**

Channels via CAN Bus

Yamaha – CAN_2015

Speed front	Speed rear
Engine speed	Traction control
Gear	Power mode
Throttle position	Hand grip position
Wheelie control	Launch control
Slide control	Quick shift
ABS rear	ABS front
Mapping	Water temperature
Intake air temperature	ACC X
ACC Y	Gyro
Brake pressure front	Brake pressure rear

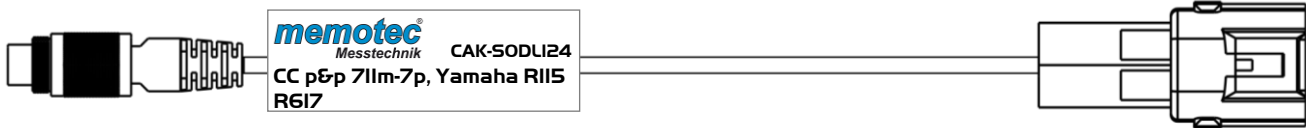
OBDII - CAN

Engine speed	Speed
Throttle position	Hand grip position
Water temperature	Intake air temperature
Fuel level	Airbox pressure
Air mass flow	

Yamaha – FZ09_MT09

Engine speed	Speed
Throttle position	Hand grip position
Water temperature	Intake air temperature
Gear	Mode
Flag Error	Error

Pinout AiM CC plug&play Yamaha R115 R617

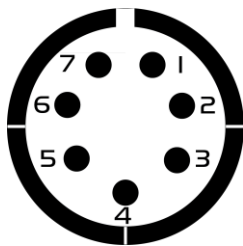


ECU | Binder 711
Stecker, männlich, 7 pin

Yamaha | Sumitomo
connector, male, 4 pin

ECU | Binder 711 7 pin

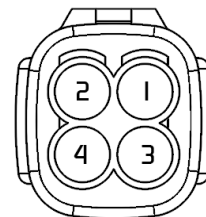
Pin	Function	Pin	Function
1	ECU CAN +	5	Not connected
2	ECU CAN -	6	Not connected
3	9 - 15 V	7	Ground
4	Not connected		



Binder 711, male, solder view

Yamaha | Sumitomo 4 pin

Pin	Function	Pin	Function
1	ECU CAN -	3	Ground
2	ECU CAN +	4	9 - 15 V



Sumitomo 4 pin, male, plug view

Scope of supply AiM CC plug&play Yamaha R115 R617

CAK-SODL124	Connection cable p&p Yamaha R1 (15) R6 (17)
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Store

Accessories AiM CC plug&play Yamaha R115 R617

ASODL22-PYR6MH Solo2.2 DL p&p, R1 15, R6 17, with holder kit



[Store](#)

AEV4s1-ACG evo4S, connecting cable CAN, GPS



[Store](#)

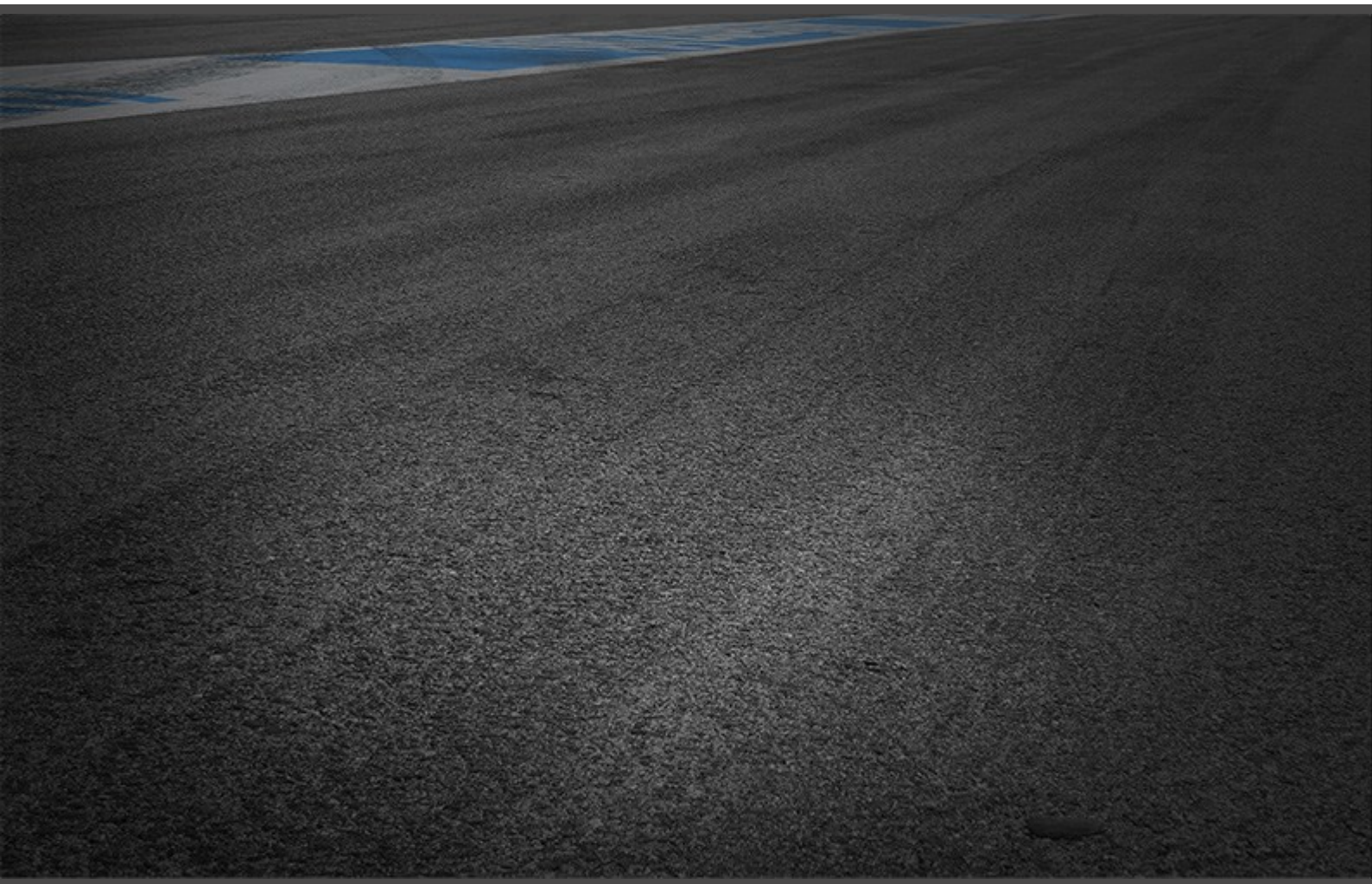
AECUL11-oZ ECULog without accessory



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Release History

Release	Date	Author	Comments
100	14.12.2024	TME	First release



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