E60 1 DIN radio casing
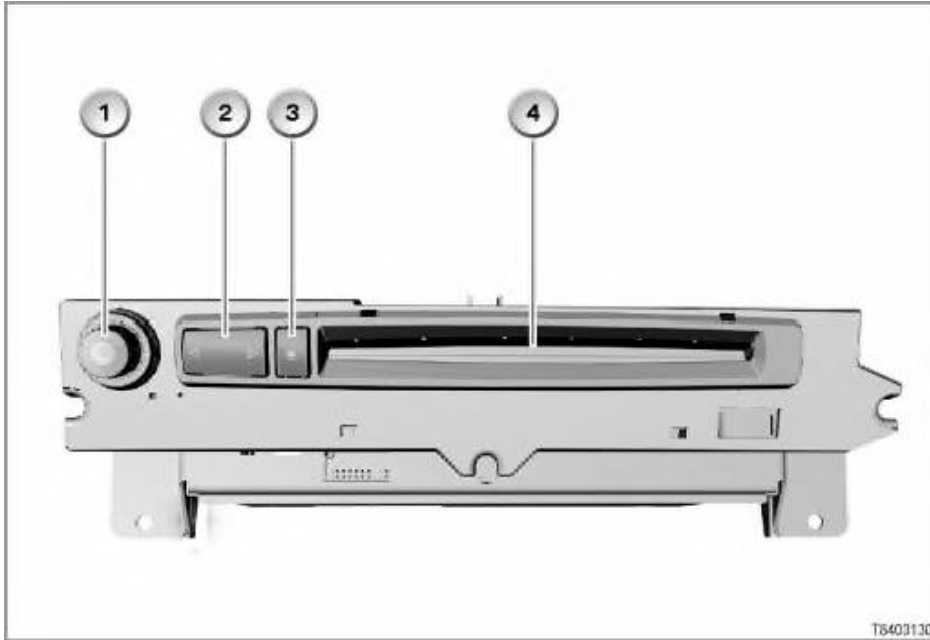
Installation location

The multi-audio system controller M-ASK is located on the centre console under the IHKA controls.
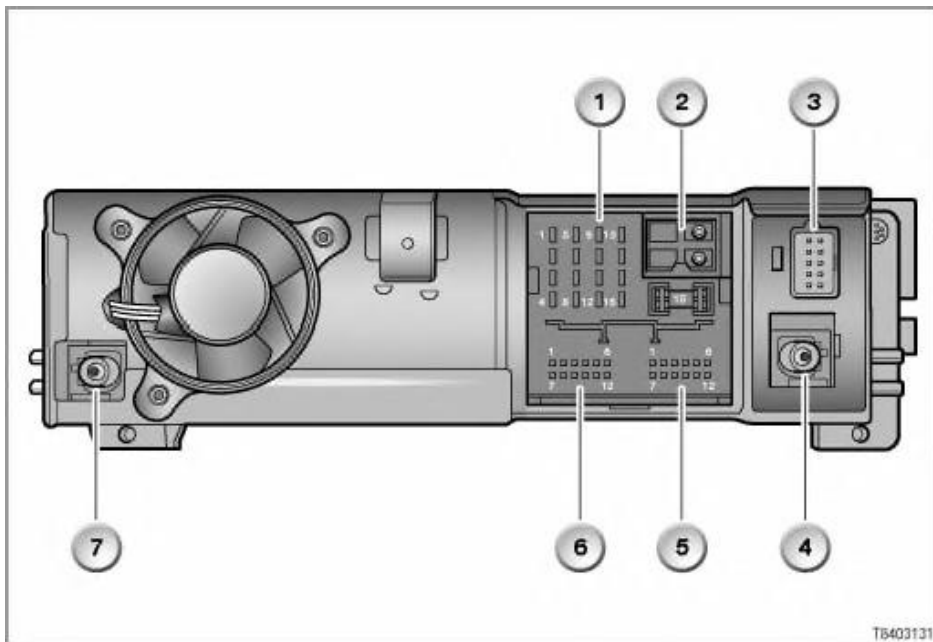
Construction

Only the drive, the rotary push button, the search rocker switch and the eject button are visible from the M-ASK.

Key	Explanation	Key	Explanation
1	Rotary push button for switching on and off and for adjusting the volume	2	Search rocker switch
3	Eject button for the audio CD, and for the CD-ROM or the DVD	4	Insertion slot for the audio CD, and for the CD-ROM or the DVD

Plug connector details

Key	Explanation	Key	Explanation
1	16-pin connector, black	2	MOST bus connector
3	LVDS (Low Voltage Differential Signalling) connector	4	Aerial connector for the Global Positioning System GPS
5	12-pin connector, right	6	12-pin connector, left (not used)
7	Aerial connector for the radio		

Pin assignment X13812, 16-pin, black

Pin	Type	Description
1	A	Rear right positive terminal loudspeaker
2	A	Front right positive terminal loudspeaker
3	A	Front left positive terminal loudspeaker
4	A	Rear left positive terminal loudspeaker
5	A	Rear right negative terminal loudspeaker
6	A	Front right negative loudspeaker
7	A	Front left negative loudspeaker
8	A	Rear left negative loudspeaker
9	E/A	K-CAN bus connection
10	E	Radio mute for telephone calls
11	E/A	K-CAN bus connection
12	M	Terminal 31, earth
13	A	Switch signal for Hi-Fi amplifier and aerial diversity ON
14	V	Terminal 58g, instrument lighting
15	V	Terminal 30, power supply

SBT E60 1 DIN radio casing
Issue status (02/2004) Valid only until next CD is issued

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	E = Input A = Output E/A = Input and output M = Earth V = Supply For current specifications regarding pin assignment, please refer to BMW diagnosis system	

Pin assignment X13815, MOST bus connector

Pin	Type	Description
1	E	MOST bus
2	A	MOST bus
	E = Input A = Output For current specifications regarding pin assignment, please refer to BMW diagnosis system	

Pin assignment X13813, 12-pin, right

Pin	Type	Description
1	---	
2	E	Additional audio input, left positive terminal
3	A	Central bass left positive terminal
4	A	Central bass right positive terminal
5	---	
6	E	Voice signal positive terminal (e.g. mobile phone input)
7	E	Additional audio input, right positive terminal
8	M	Additional audio input, earth
9	A	Central bass right negative terminal
10	A	Central bass left negative terminal
11	---	
12	M	Voice signal, earth
	E = Input A = Output M = Earth For current specifications regarding pin assignment, please refer to BMW diagnosis system	

Pin assignment, 12-pin connector, left

The left 12-pin connector on the M-ASK is not used.

Pin assignment X13820, 10-pin

Pin	Type	Description
1	A	Channel 1 negative terminal
2	A	Channel 1 positive terminal

3	---	
4	A	Channel 2 negative terminal
5	A	Channel 2 positive terminal
6	A	Channel 0 negative terminal
7	A	Channel 0 positive terminal
8	---	
9	A	Clock negative terminal
10	A	Clock positive terminal
	A = Output For current specifications regarding pin assignment, please refer to BMW diagnosis system	