

**Product:** ComBridge Multi Media Gateway (MMG)  
**Product line:** KNX-Interface  
**Order number:** 0118-121-01  
**KNX-APD:** Appl-0118-MMG-01-0110-en  
**BMA:** BMA-0118-MMG-01-0110-en  
**ETS-PDB:** 0118-01-0110(MMG).VD2



## KNX Multi Media Gateway

### Description

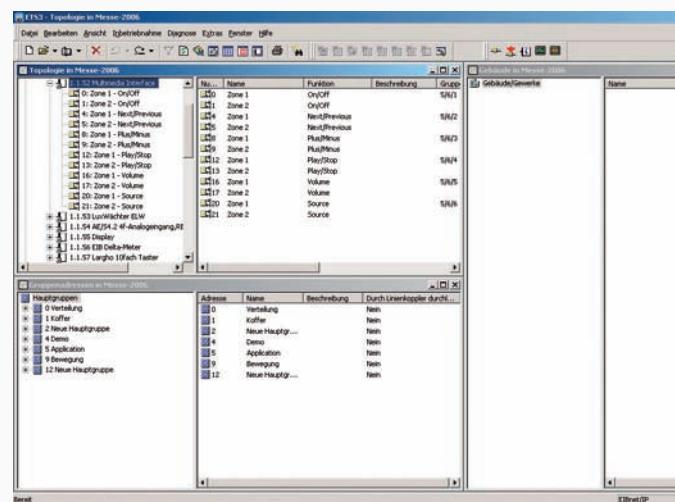
The ComBridge Multi Media Gateway (MMG) connects media devices with the KNX bus.

It thereby enables the control of media devices, for example through KNX switching elements.

A number of media devices such as beamers or multi-room systems for the independent acoustic irradiation of different zones, often have a serial control entry, through which manufacturer-specific commands can be sent or read.

Hence, certain functions such as beamer ON or beamer OFF, volume control or selection of certain media sources may be performed.

The MMG translates classic KNX objects, such as switching or dimming, into the corresponding manufacturer-specific commands, e.g. volume up, volume down, on or off.



The manufacturer of the media device (ETS Application) is chosen in the ETS and the desired KNX group addresses are connected with the media objects and programmed.

### Related products:

ComBridge Studio Suite (CBSS)  
 ComBridge Web Communication Interface (WCI)  
 ComBridge Net Communication Interface (NCI)  
 ComBridge Multi Control Gateway (MCG)

Applications, manuals and descriptions are available in our Customer Center under [www.ipas-products.com](http://www.ipas-products.com).



## Application

The MMG enables the integration of a media installation into a KNX installation system. This enables KNX newcomers to control commands, such as volume up or down, with KNX objects. Media functions can be performed from ComBridge Studio visualisations as well as all other KNX devices.

At present ETS applications are available for the following devices:

*3M: X64, X65, MP8790, MP8795*

*BenQ: PB8220, PB8230*

*InFocus LP540, LP640*

*Phillips: PXG10*

*Toshiba: TLP790*

*Hitachi: CPX807, CPX885*

More are projected

Anymore following multiroom-audio equipment are accessible:

*QED: Systemline 4.4*

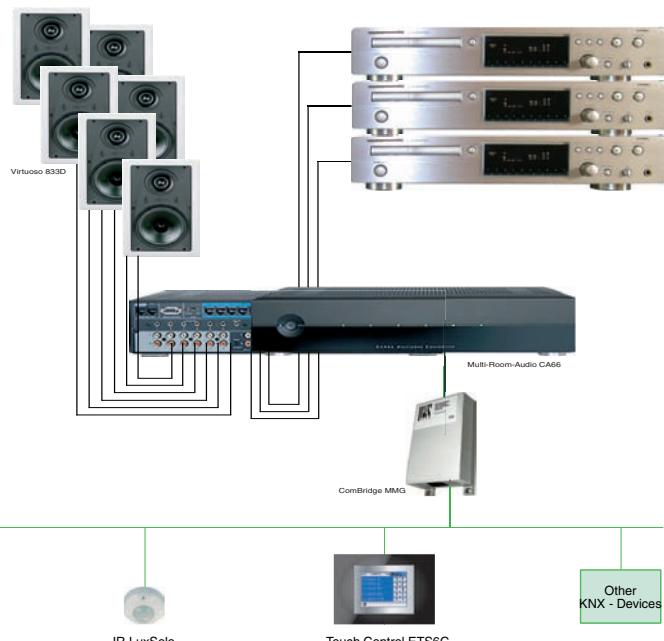
*Russound: CAM6.6 and CAS44*

*Tutondo: MR 9005*

*Xantech: MRC88*

It is important to remember that the type and manufacturer of the media device must fit exactly with the ETS application. From experience the command protocols can differ between the device types.

If no ETS application is available for the media device, the required application can be requested directly from IPAS GmbH Duisburg.



## Specifications: ComBridge MMG

**Connectors:** Bus line: Bus coupler KNX,  
Voltage coupler: 12 to 30V AC/DC,  
SUB D9: RS232 connection

**Dimensions:** Wide: 70 mm, High: 40 mm, Depth: 100 mm

**Weight:** 150 g

**Casing:** AP-casing

**Power Supply:** KNX plus external 24 to 30V AC/DC

**Protection type:** IP20 according EN 60529, Din VDE 0470

**Class:** I according IEC 1140

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