

GRUNDIG, here: Cable connections of 1956 to 1961
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7 Point plug-in connector, for internal and external connections between the primary components as radio and TV and the single components as build in loudspeaker, Speaker- Enclosures, external- tweeters and remote controls.

In the year 1956 Grundig developed an own multiple plug-in connector with which many kinds of tasks could be solved. The objective was, it should be reached a simplification of the diverse connection in Music- consoles and one improvements or protection of the quality.

To the time increased hinged (moving) radio parts in music furniture uses.

That means, that the internal connections of the and to the radio, stable over years had to work.

Simultaneously the external loudspeakers which were more than one loudspeaker from there should be connectable with the various devices reliably and unequivocally. In addition a remote control near radio should be connected and TV- device. Former solutions for this purpose were too simple, to make a few connections possible were (TV and Music- Consoles) when the opposite the case, therefore multipolar, much too expensive and place-robbing.

(3D- Remote- Control of 1955, with keys, controls. TI 6/55)

This new connection should be universally unmistakable, however. A coding-pen was for this purpose integrated with that was controlled. A variety came of switch contacts for this purpose the automatically were helped of the pens of the outgoing management. Approx. 30 variants are known with me.

1961 with the appearance of the DIN plug-in connector with counter for loudspeakers,

A new connection with the known US octal socket was realized (NF1, NF2, HF1, HF2, HF20, HF10) at that one than shut identification of certain pin were. The 7 Point connection with their counters disappeared in this way suksestive from the program. In addition the known one 9 point joined for stereo decoders (later 10) NOVAL-composure, as an internal and external connection for small-signals.

Appendix:

Schema Majestic Schema GRUNDIG 3299WE
5299 WE

At control devices, that is components without internal loudspeakers, must to the avoidance of a destruction of the initial tubes or the settings and the output transformer, if no load is lit, to be created a phantom load, that is made by switch-contacts in the connection socket with one 10 ohms of resistance. At Grundigs 5 ohms of sockets that is only a missloading of 100 % (5 to 10 ohms) of These takes over then the protection from improperly high voltage peaks at the anodes of the tubes, and/or output transformers.

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