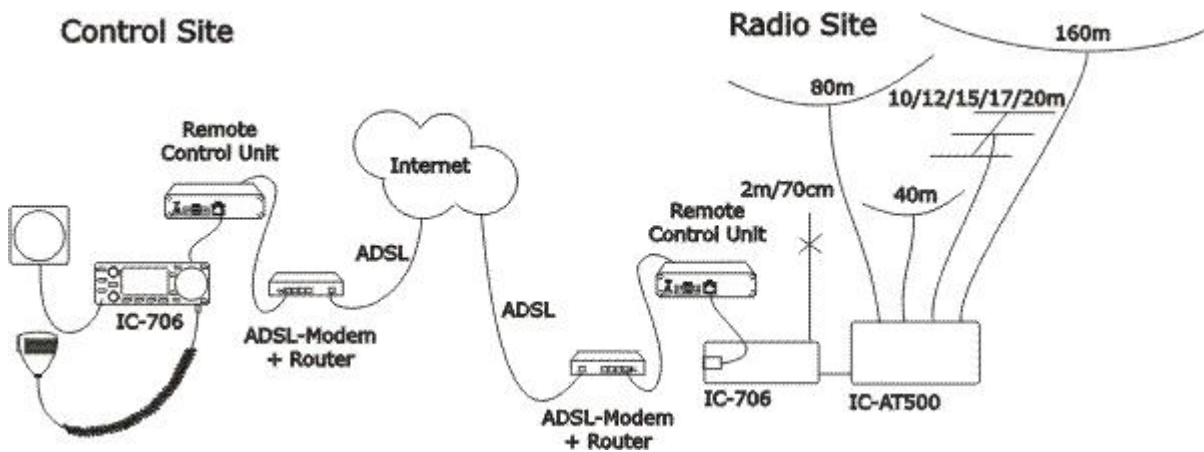


Produktspezifikation Remote Control System

Panel separation mode:

The system was originally developed with the aim to remotely control the Icom IC-706 (and later the Kenwood TS-480) over the internet. These radios have detachable control panels and the idea was to extend the cord between the radio and the panel using TCP/IP (Internet).

Another 'must' was to get rid of the PC, especially at the far (radio) end. No more hassle with soundcards, Skype or other PC-software. When you press the Power button on the panel, the radio comes to life at the remote side and sound and panel info flows across the internet between the pair of RRC-1258:s. The technique is the same as modern SIP-based IP telephones + a little extra. The look and feel of the panel is the same as if the panel was directly connected to the radio.

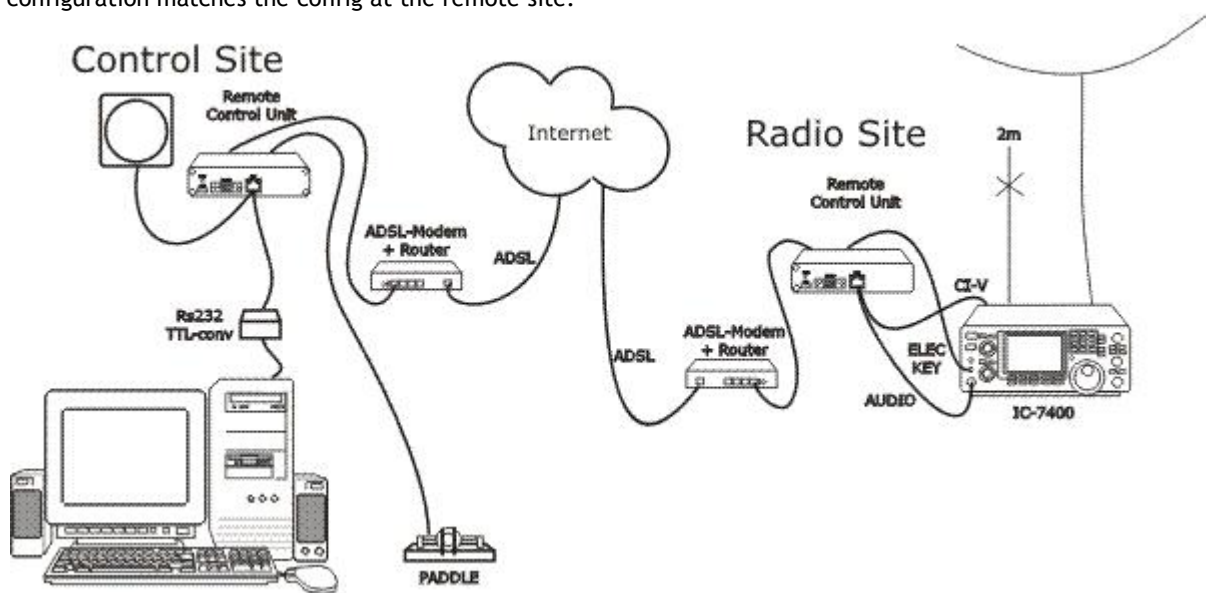


Produktspezifikation Remote Control System



Traditional remote control

After a while it became apparent that the RRC-1258 could be configured to transfer CAT / CI-V commands across the internet together with high quality audio. A pair of RRC-1258:s is used and 'any' CAT / CI-V capable radio can be used at the remote site and the operator is using HamRadio deLuxe or a similar rig control application to work the radio. No PC is required at the radio site. The PC at the operator site is never involved in the handling of audio. Connection to the remote site is made via the web interface in the RRC-1258. You can of course share the remote radio (not simultaneously) between many users as long as their RRC-1258 configuration matches the config at the remote site.



General information about the RRC-1258

Produktspecifikation Remote Control System



The RRC-1258 is developed using the latest technology, the ARN7 microprocessor from NXP. The processor has built-in flash memory and all software can be updated, even remotely, via a web interface. New versions of the software are released from time to time with bug fixes and cosmetics along with new functionality. The software is the same for all modes and radios but there is a small inexpensive board inside the RRC-1258 that might need some tweaking, hardwarewise. This small card is cheap and can be ordered at a later time if the customer changes the make of transceiver. Icom and Kenwood are similar but they don't have exactly the same communication timing.

