

Figure. Basic access mechanism two way hanshaking.

Four way handshaking.

An enhancement to this is as follows, which uses a Request to Send/Clear to Send (RTS/CTS) four-way handshaking mechanism.

The station transmits an RTS frame and if correctly received and after a period of SIFS seconds the receiver replies with a CTS frame.

Other nodes set their network allocation vectors on receipt of an RTS, CTS and data unit respectively see figure **RTS/CTS access mechanism**.

The data transfer then follows.

This is used to avoid collisions with hidden nodes, where the RTS and data frames cannot be heard by other stations.

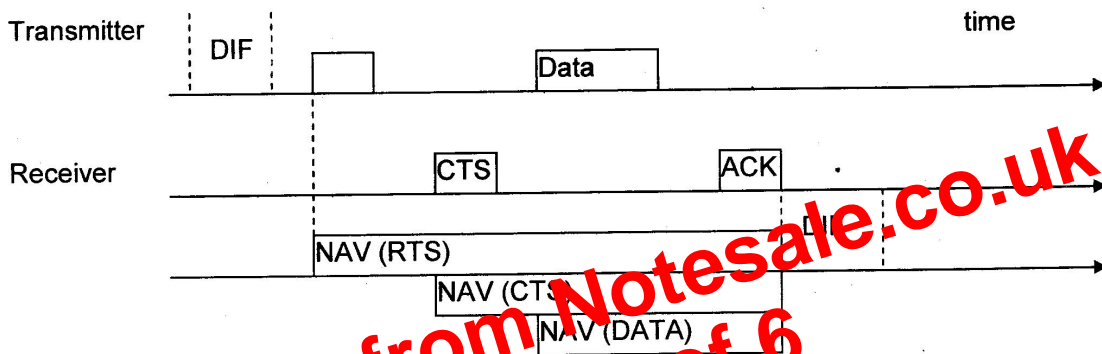


Figure RTS/CTS access mechanism four way handshaking.