Circuit Description RS128 (43-3507)
(Continue)

Security and security code generation

The unit is provided with randomly generated security code. There are total of 65536 combination. The Base CPU randomly generates the security code whenever the registration is taken place. The entire unit is pre-register at the factory and use is not required to execute registration process. Holding down two particular keys in each unit does the registration. At that time random security code is first generated at the Base and sent to handset via RF link. Upon receiving the code it will be written to non-volatile memory in handset. The security code is also written to non-volatile memory at Base for future communication.

Form thereafter the stored security code is accompanied each and every time communication between handset and base. These include Ringer incoming, Talk on, Talk off etc. The subsequent commands were execute only if security codes are matched (Stored code and received code). Therefore it prohibits access of unauthorized used being occupying the unit.

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