

As to the frequency, there are new explanations. Due to its technicality, I translate it and also ask the client to translate one version in order to reduce the confusions that may occur within a minimum level.

The hopping is pseudorandomly.

As soon as the system is powered on, a random figure is produced (less than 50). This figure moves left for one time within each transmission (eliminating the used channel). Compared with the eliminated channel, if the channel which moves left is more than 50 or minuses 1 by the used channel, after all 50 channels are used, the channels are reset. Thus the system runs this procedure periodically, and when the receiver receives synchro-data it also begins to hop synchronically. If the receiver does not receive synchro-data then it may wait in the random channel.

Hopping frequency is changed to pseudo randomly hopping frequency. It will produce random data (less than or equal to 50) when RF system is powered on. The channel will move left once when transmitting once (except used channel). If new channel data(after left move) is more than 50 or equal to used channel, then this data will be decreased 1 until new channel data is not equal to used channel.

Receiver starts to synchronized hopping frequency when receiving synchro data. If it does not receive the data, it will be waiting in the random channel. Transmitter sends the channel information of next hopping frequency when transmitting. Receiver will send back ACK and move to next channel defined by transmitter.

Here I attach the Chinese version. Please do me a favor when the confusions come up due to something that not translated well.

æ-¹æ³, ä, Šč"µá¼æŠč«³»ç»YäöŠč"Yä, ä, æçœYëšæœœæ°(ä"läöŽç-°æöŽ50), æ"äl"ä°, ä, ææ-ja·lçš»ä, ææ-ja(ä°"é™µä-²ç»lä½lç"äçlél"). æ"è¾¼fä°fê™µäçlél", ä, æžœä·lçš»ä¾¼—ä†çš, äçlél"ämšäöŽ50æ-êê...æ-ä»æ¾½lç"çš, äçlél"èç™èç™ä, ææ°·ä†l1, 50ä, äçlél"éf½ä½lç"älŽ, äçlél"ä½lç"æ†äç—æ, ...ê.¶.äl"ä°, ä, ææ-ja·lçš»ä, ææ-ja(ä°"é™µä-²ç»lä½lç"äçlél"). æ"è¾¼fä°fê™µäçlél", ä, æžœä·lçš»ä¾¼—ä†çš, äçlél"ämšäöŽ50æ-êê...æ-ä»æ¾½lç"çš, äçlél"èç™èç™ä, ææ°·ä†l1. ä, æ-µä¾¼æŽ, æžææ¶æ¶æœœäœæ"¶ä°älœæ-ææ°ææ®älŽ¾¼æŠč·älœæ-æè³éç, ä, æžœææ²jaœœ°æ¶¶ä°älœæ-æä°™äœ"ëšlæœœäçlél"ç-°æ¾¼....

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