

# **SHARP**

## **SHARP CORPORATION**

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**Federal Communications Commission  
Authorization and Evaluation Division  
Equipment Authorization Branch  
7435 Oakland Mills Road  
Columbia, MD 21046**

To Whom It May Concern:

We, Sharp Corporation, hereby inform about System ID Management as follows.

### **Facsimile Model, UX-CC500 System ID Management**

#### **1. Structure of System ID:**

We use the DSS engine "Merlin" (produced by CONEXANT co.) as the RF unit.

This Merlin is carried on both Facsimile Model UX-CC500 and Cordless Handset Model UX-CC500K (UX-CC500K is packed together with the Facsimile Model UX-CC500), and also Accessory Handset Model UX-K01 (UX-K01 is optional Cordless Handset for market) too.

By sharing common System ID, each Merlin builds the communication between Facsimile Model UX-CC500 and Cordless Handset Model UX-CC500K (or Accessory Handset Model UX-K01), and between Cordless Handset Model UX-CC500K and Accessory Handset Model UX-K01.

The System ID is formed of 24bits.

By using these digits, we can produce MAX.16,777,216 kinds of System ID.

We manage System ID at our factory.

We input individual System ID to every product.

Therefore, between SHARP products, there is no possibility to occur the RF communication trouble caused by repeated System ID.

#### **2. How to Writing System ID:**

System ID is input at product line as follows.

① The writing equipment (wire-connected) inputs System ID to the UX-CC500(=FAX main body) by DTMF signals.

② Same timing, the writing equipment (wire-connected) inputs System ID and Handset No.(=1) to the Cordless Handset UX-CC500K.

Usually, the System ID is input to the Handset when the following "operation to entry a new Handset" is implemented.

But, we input on the product line, so that the customer will be able to use instantly.

System ID is the permanent number, and the customer will not be able to rewrite it.

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**3. Operation to Entry New Handset:**

The Model UX-CC500 can control Maximum 4 Handsets including the Model UX-CC500K packed together with the Facsimile Model UX-CC500.

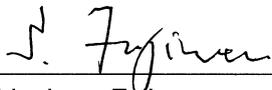
Both the UX-CC500 and the New Handset, the entry operation is implemented.

Then, from UX-CC500 to the New Handset, the System ID and Handset No. are input by radio link.

When shipped, the Accessory Handset Model UX-K01 sold singly is not given System ID and Handset No..

The repeat of this operation is not limited.

So, it is possible to entry the using Handset to the other UX-CC500 (Facsimile Model UX-CC500 only) as its party.



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