

Ailunce HD1 contact manager

Number	Call ID	Call Sign / Name	City	Province	Country
115	2930115	S52MB Franc			Slovenia
116	2930116	S56VOK Daniel	Zagorje ob Savi	Zasavje JN76LD	Slovenia
117	2930117	S52AS Roman			Slovenia
118	2930118	S56SPT Peter			Slovenia
119	2930119	S54AJE Anze	Novo mesto	Dolenjska	Slovenia
120	2930120	S59DJR Radioklub			Slovenia
121	2930121	S54MTB Marko			Slovenia
122	2930122	S54AZA Ales			Slovenia
123	2930123	S51KZ Zlatko			Slovenia
124	2930124	S59GCD Radio			Slovenia
125	2930125	S56VTV Janez			Slovenia
126	2930126	S52HI Janko			Slovenia
127	2930127	S56SU Unka			Slovenia
128	2930128	S56RIR Martin			Slovenia
129	2930129	S56WBV Boštjan			Slovenia
130	2930130	S52ME Bojan			Slovenia
131	2930131	S51KM Miro			Slovenia
132	2930132	S56OA Ogrjen			Slovenia
133	2930133	S55TZ Tomaz			Slovenia
134	2930134	S56JFS Janez	Postojna	Slovenija	Slovenia
135	2930135	S56EPN Marcel			Slovenia
136	2930136	S56SCI Marjan			Slovenia
137	2930137	S55WT Janko			Slovenia
138	2930138	S50ZR Zeko			Slovenia
139	2930139	S57JZ Iko			Slovenia
140	2930140	S56GCX Janez			Slovenia
141	2930141	S56GCY Vanja			Slovenia
142	2930142	S57KRN Rok			Slovenia
143	2930143	S50AKR Aron			Slovenia
144	2930144	S57R Janko			Slovenia

Picture 1: Main screen

Ailunce HD1 contact manager is simple program for maintaining DMR contact list. Here is quick manual for efficient use of it.

Installing program: Installing is simple. All files are included in zip file. User should make new folder and extract all files from zip there. For more convenient use user can place a shortcut for file AilunceHD1.exe to desktop. Please note that last version of .net framework must be installed.

Using program: Program has only one screen which is shown in Picture 1. Contact list is by default sorted by Call ID (DMR ID). User can change sort by clicking on the column header. First click means sort ascending, second sort descending. Program is distributed with empty contact list, so first step is to import contacts.

Import contacts: User has 3 different options for importing contacts to the list.

1. **Import from radio:** By clicking on a *“Import HD1 csv”* user can import contact list that is exported from Ailunce HD1 radio. Import is done by selecting appropriate file from computer. Please note that this import clears current contact list and imports clients stored in selected file.
2. **Import from raw format:** On the web page <http://amateurradio.digital/> it is possible to download RAW file containing contact list for all contacts from the whole world. User can download that file, store it somewhere on local disk and by clicking on *“Import Raw Contacts”* import contacts from downloaded file. Please note that this import clears current contact list. If user writes country name in country field, program imports client list for that country. If filter is empty, program imports data for all countries. This is the fastest method for importing complete DMR user database.

3. **Import from WebAPI:** Web page <https://www.radioid.net> provides WebAPI interface for retrieving data about DMR users. There are different ways to retrieve data, I decided to retrieve it by country. Before importing clients user must fill in filter for country. By clicking on "Import from WebAPI" program retrieves data from above mentioned web page and insert user in a contact list. Program checks users already in the list and inserts only new users. This is the most user friendly way for importing contacts in the list. If user wants users from more countries then just repeats this procedure with different county in the county filter field. If user clears filter for country, data for all countries are retrieved and stored in the contract list. Since this is a slow process new window is opened showing progress on import.

Maintain contacts: User can edit data in the list by double-clicking on the field. Fields in columns Number and Call ID can't be edited. From time to time user can click the "Import from WebAPI" button and refresh contact list with newly registered contacts.

Export to Ailunce HD1: At the moment it is not possible to directly write data to radio. So user must first export contact list to CSV file suitable for importing into the radio and import contacts with program that is supplied from manufacturer. To export contact list click on the "Export HD1 csv", select folder and file name and contact list will be exported.

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