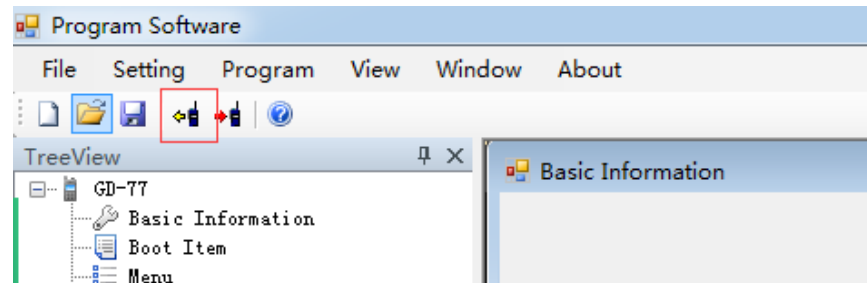


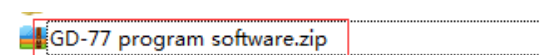
Radioddity GD-77 uses the latest chip and the programming software is driver-free version of installation, supporting all Windows system. So the ordinary version of K-Plug programming cable (such as Kenwood and Baofeng's) is not compatible with Radioddity GD-77.

As it is driver-free, you don't have to choose COM number port. You can click read data directly to use.

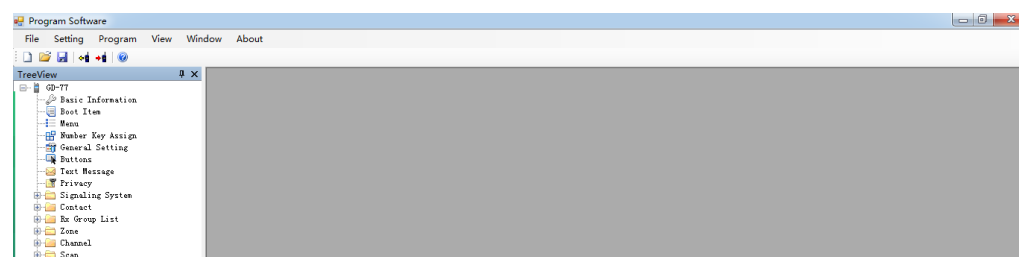


### Steps:

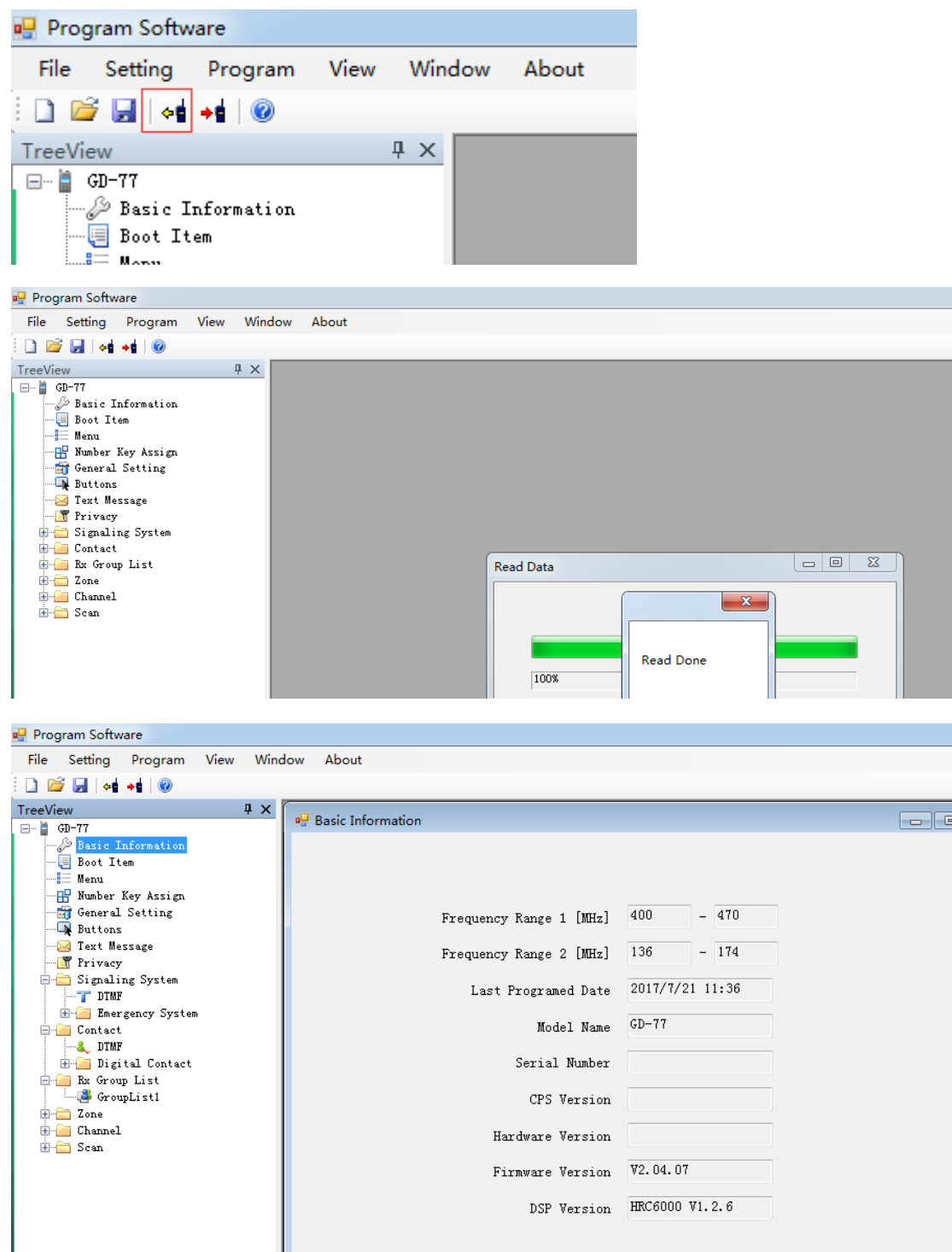
- 1: Download the software from CD or from radioddity.com:  
Set up the software until it is finished.



2. Turn on GD-77 first and then connect the programming cable with computer and the radio

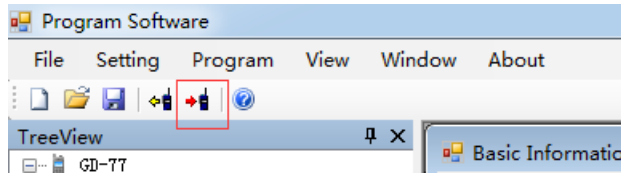


3. Click the “read data” button and wait until it is done:



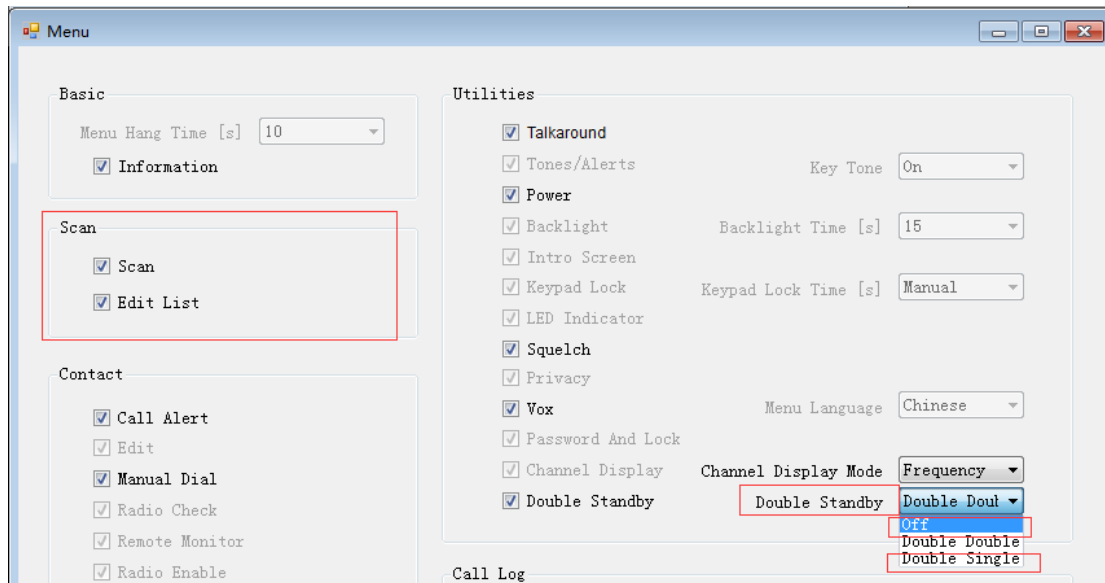
4. Now you can set up whatever you want following the menu on the left side of the software: frequency, digital contact ID, channel etc.

5. After you done setting with all that, just click the “read data” button again then it can read all the data from computer to your radio.



Note:

GD-77 has the auto-scanning channels function (based on the channel list you provided). When the auto scanning is on, it takes a waiting channel, so you need to turn the Channel Display Mode to Double Single or OFF.



1: How does two DMR communicate with each other? What settings need to be done?

Digital radio has the digital communication encryption function, and each DMR has its own Radio ID (like cell phone number), but the ID number is not unique and unchangeable; users can modify ID through programming software.

So the first thing you need to do is to get and add the Radio ID you want to communicate with.

**Digital Contact**

Name:

Call ID:

Call Type:

Ring Style:

**Digital Contact**

Name:

Call ID:

Call Type:

Ring Style:

Set both the two radios to the same channel/frequencies and time slot. Select the ID you want to communicate and write the data to radio. Then you will be able to communicate with the other DMR.

Mode:  Rx Frequency [MHz]:  >> Tx Frequency [MHz]:  Admit Criteria:

Name:  Squelch:  Power Level:  Scan List:

TOT [s]:  TOT Rekey Delay [s]:

☐ Vox

☐ Auto Scan  
☐ Lone Worker  
☐ Allow Talker  
☐ Rx Only

Channel Bandwidth [KHz]:  STE:  Non STE:

CSS/DCS [Hz]:  Tx CSS/DCS [Hz]:

Signaling System:  Tx Signaling System:

☐ PL for Data PTTID Type:

Digital

Privacy:  Privacy Group:

Rx Group List:

Color Code:

Emergency System:

Contact Name:

Repeater/Time Slot:

Mode: **Digital** | Rx Frequency [MHz]: 140.00000 | Tx Frequency [MHz]: 140.00000 | Admit Criteria: Always

Name: Channel15 | Squelch: Normal | Power Level: High | Scan List: ScanList1

TOT [s]: ∞ | TOT Rekey Delay [s]: 255 | ☐ Vox

☐ Auto Scan | ☐ Lone Worker | ☐ Allow Talkaround | ☐ Rx Only

---

Channel Bandwidth [KHz]: 12.5 | STE: Frequency | Non STE: Off

CTCSS/DCS [Hz]: None | Tx CTCSS/DCS [Hz]: None

Signaling System: Off | Tx Signaling System: Off

☐ PL for Data | PTTID Type: None

---

Digital

Privacy: Off | Privacy Group: None

Rx Group List: GroupList1

Color Code: 1

Emergency System: System1

Contact Name: Jacob.B

Repeater/Time Slot: 1

## 2: How to use the repeater function?

- Add the Radio ID you want to communicate.
- Select frequencies. TX Frequency A = TX Frequency B; RX Frequency A = RX frequency B. And TX frequency should not be equal to RX frequency.
- The color code and time slot must be the same.
- Make sure the repeater you use is not encrypted and is ready to use

Mode: **Digital** | Rx Frequency [MHz]: 140.00000 | Tx Frequency [MHz]: 150.00000 | Admit Criteria: Always

Name: Channel1 | Squelch: Normal | Power Level: High | Scan List: ScanList1

TOT [s]: ∞ | TOT Rekey Delay [s]: 255 | ☐ Vox

☐ Auto Scan | ☐ Lone Worker | ☐ Allow Talkaround | ☐ Rx Only

---

Channel Bandwidth [KHz]: 12.5 | STE: Frequency | Non STE: Off

CTCSS/DCS [Hz]: None | Tx CTCSS/DCS [Hz]: None

Signaling System: Off | Tx Signaling System: Off

☐ PL for Data | PTTID Type: None

---

Digital

Privacy: Off | Privacy Group: None

Rx Group List: GroupList1

Color Code: 8

Emergency System: System1

Contact Name: Jacob.A

Repeater/Time Slot: 2

Mode	Digital	Rx Frequency [MHz]	140.00000	>>	Tx Frequency [MHz]	150.00000	Admit Criteria	Always
Name	Charunell	Squelch	Normal		Power Level	High	Scan List	ScanList1
					TOT [s]	∞	<input type="checkbox"/> Auto Scan	
					TOT Rekey Delay [s]	255	<input type="checkbox"/> Lone Worker	
						<input type="checkbox"/> Vox	<input type="checkbox"/> Allow Talkaround	
							<input type="checkbox"/> Rx Only	

Channel Bandwidth [KHz]

12.5

STE

Frequency

Non STE

Off

CTCSS/DCS [Hz]

None

Tx CTCSS/DCS [Hz]

None

gnaling System

Off

Tx Signaling System

Off

☐ PL for Data

PTTID Type

None

Digital

Privacy

Off

Privacy Group

None

Rx Group List

GroupList1

Color Code

8

Emergency System

System1

Contact Name

Jacob.B

Repeater/Time Solt

2