

Longer Programmable Remote Control User Manual



For more information and support, please see Remote Control Database Center <u>http://data.clurc.net</u> or website: <u>www.cldic.com</u>.



Quick Guide(IR mode)

First Step

- 1. Prepare Longer programmable remote control and install 2pcs AAA battery.
- 2. Prepare Longer programmer (transceiver) and plug into the USB port of PC.
- 3. Downloading and installing software in your PC (windows OS).

Second Step

- 1. Identify(Read)
- 2. Code Select from database
- 3. Program(Write)





User Manual for Longer Programmable Remote Control(PRC) (V20)

Programmable Remote Contr File Configuration Tool Help	ro[[Yersion 3.1.0.132]				<u>_0×</u>
	+ × 🕅				
POWER	Code: 95636	Brand: AKTRON	•	Model: AK 2892	
🙂 🥌 🖤	TV VCR/DVD SAT	AUX			
0000	No. Key Name	Custom Key Name	Has Coded	Learned Status	
	1 POW		1		
	2 AV		1		
A REAL PROPERTY AND A REAL	3 IEXI 4 TV		4		
(TT)	5 TIMER				
Jacob Nacional States	6 SUBT.				
	7 EXPAND				
	8 BACK		1		
	Infomation			×	
	Press k	eys <- and -> on remote			
	contro	together			_
	Commu	inicating			
	Progress				
0 0				(A)	
VOL page	23 MENU		~		100
	24 DOWN		1		
	25 EXIT		1		
(1)(2)(3)	20 VOL+		×,		10
	28 CH+		1		
(4)(5)(6)	29 VOL-				
000	30 MUTE		1		
(8)(9)	31 CH-		1		
	32 1		1		
-/) (0/10) (pic)	33 2		1		-
				Programmi 🛩	

Photo 2 Program



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1, Description

1) Longer programmable remote control is an updated product for traditional universal remote control. Its main difference and characteristic is the IR code database source.

Universal remote control contains IR code database in itself. PC programmable remote database is stored in PC or web server. So PC programmable remote has no risk to be out of date. There are 4 programming modes, IR modes, USB mode, Audio mode and Bluetooth mode.





2) PC Software

PC hardware request:

- CPU: 800MHZ and above
- RAM: 256Mbytes and above
- Hard diask, 4G bytes and above
- Operation system: Win 2000, Windows XP, Windows Vista, Win 7, Win 8.

3) Smart Phone App

iPhone request:

• iPhone 5 and above with IOS 9.00 and above.

iPad request:

• iPad, iPad mini, iPad air and iPad pro with IOS9.00 and above.

Android smart phone request:

- Android version 4.30 and above.
- 4) Features
 - Compatible for PC with Windows (Programmer)
 - USB V2.0, HID device.
 - Windows XP/Windows vista/Win 7/Win 8
 - Powerful database
 - Factory database, updated frequently
 - Factory database includes the remote control brand, model and its codes for TV, DTT, SAT, DVD, VCR, HIFI, Air Conditioner, etc. all over the world.
 - Internet shared database
 - Upload by users.
 - Powerful code management
 - Code learning from original remote control
 - Code search --- key code search, transmitting search and learning search.
 - Button code setup separately.
 - Low power cost
 - 2 *1.5V battery supply, can work for 1-2 years.
 - IR distance
 - >8m in the same room



2, Remote control

This kind of remote looks same as universal remote control or learning remote control. It combines all functions of universal remote control and learning remote control.

It can be programmed with any code of any device. Because its key code can be programmed to any number of key, we can design any kind of remote control with any key name to replace original remote.

- Specification
 - Rated Power supply: 2 x 1.5V.
 - Power voltage range: 2.1V~5.5V.
 - Working power: <20mA.
 - Standby power: <3uA.
 - IR distance: >8m.
 - CE approval.
 - Rohs approval.

There are four kinds of programmable remote control according to programming mode, which is IR mode, USB mode, Audio mode and Bluetooth mode.



3, Register and Login

In order to get the new support from Longer and its wholesaler or other customers, it's suggested to register and login on the Longer database center.

User can register and login from <u>data.clurc.net</u> or login in the software or App.

• From webpage (Register and Login) Open <u>http://data.clurc.net</u>

IR	Remote Control Database Center	
	Login Enter your username and password to log on:	0.
	czływ .	
	Sign int Forgotten your username or password? New to site? <mark>Register</mark>	

• From software(Login)

	Device: TV Code:	12 Avenue Database		-	0.0
	Brand:	✓ 所有类型 ✓ HFI ✓ A/C ✓ PC	VCR		
		DTT PRVC	AUDIO		
0000	No. Key Name PID Phame	DVD SAT			
0000	POW	Brand Filter	Model Filter	-	
	2 80	-		Search	leset
0000	3 EXII	QCUBE A	Device Model	Code NO Provider	Download
7) (8) (9) 📾	4 MENU	GSAT	TV KTV-65	99020 Inclory	75
	6 AUDIO	@SKY	TV KTV - 67	96732 factory	49
	6 PC1	CSTAR 10NF	TV KTV - 69(VERS. 1)	96732 factory	37
	7 1	3 M Login in	Remote Control Database Center	×	37
	8 2	38 TECH			21
	9 3	A TREND Login	Username:		46
	10 MUTE	A.H.B. TVISION shrilo	s 3 Register N	ew.	
	11 4	AASTRA	word		
	12 5	AB SAT	4 I Remen	nber Me	
	13 6	AC - RYAN			
Kor -upage	14 14	ACCENT	OK Cancel	1	
	15 7	ACCOR		1	
	16 8	ACCORD			
	17 9	ACCOUTECH			
	18 Text	ACCUTECH (ACCOUTECH)			
	19	LACE	1.1.1		
	20 0/10	Update 484114 code	5	Add	o Ny Database
000	21 P/C	Current In 12			2000 I
	22 TV	gearch Option Login Z		204	Pauce
TV THE MT ALLY	23 UP				
	and the second se				

• From App

(To be updated)



4, Programmer

The IR code data is stored in PC or Smartphone. It needs a transceiver or programmer to program to IR programmable remote control.

IR mode, the PC peripheral is connected to PC with USB cable and communicates with remote control by IR signal. The peripheral is indeed a transceiver, or we can call it programmer, because it program remote control with the IR code in PC. Smart phone also needs a IR programmer to program Longer programmable remote control.







5, Identify (Read)

When first using or after programming, it can be identified by PC software and read back the content in the programmable remote control. Please see below photo.

File	Configuration	Tool	Help	>											
Read	Program Audio	Program	Se	HH	Rearra	nge Orders M	A Dive Up	e Down Dele	te Learn	Near Learn F	ar Print				
	~ ()			D	evice: Code: M Brand: Gf	TV 3 BS		VCR/DV	/D	SAT	r		AUX		
				No.	Key Nam	e PID	PName	Custom Key	Transmit	Key Select(D	Key Select(Data1	Data2	Data3	Data4
	1) 😢 🥑			1	POW	PID0331	mdf-4204	On/Off				00	01	1E	01
	200	O		2	AV	PID0331	mdf-4204	TV/AV			+++	00	19	1E	19
9				3	EXIT	PID0331	mdf-4204	Menu Off				00	1A	1E	1A
6	200			4	MENU	PID0331	mdf-4204	Menu				00	05	1E	05
	wide Eav			5	AUDIO	PID0331	mdf-4204	Menu audio				00	0D	1E	OD
Ĩ	1 😡 🙆			6	PICT	PID0331	mdf-4204	Menu video				00	0C	1E	0C
×				7	1	PID0331	mdf-4204	1				00	10	1E	10
				8	2	PID0331	mdf-4204	2	444		***	00	11	1E	11
				9	3	PID0331	mdf-4204	3				00	12	1E	12
		1.1		10	MUTE	PID0331	mdf-4204	Mute				00	3F	1E	3F



6,Code Program

1) Before program, it should be selected the model of programmable remote control.

Configuration Tool	Неір											
Audio Program	Select	Rearrang	ge Orders M	A In the second	e Down Delete	Learn	Near Learn F	ar Print				
		Device: Code: M3	TV		VCR/DV	D	SAT	-	_	AUX		Fill the code
		Brand: GBS Model: 222	5	- Inv			la et en			1		
		Key Neme	PID	DName	Gustem Key	Transmit	Key Select(D	Key Select(Data1	Data2	Data2	Data4
		POW	PID0331	md1-4204	On/Off	444	***	***	00	01	16	01
	2	AV	PID0331	md1-4204	IVIAV			100	00	19	16	19
0000	3	EXIT	PID0331	md1-4204	Menu Off				00	1A	1E	1A
	4	MENU	PID0331	mdf-4204	Menu				00	05	1E	05
ide Fay	5	AUDIO	PID0331	mdf-4204	Menu audio	6.1		1 . 7	00	OD	1E	OD
	6	PICT	PID0331	mdf-4204	Menu video	Sei	ect co	de tro	an a	ataba	ase o	or adle.
	7	1	PID0331	mdf-4204	1				00	10	1E	10
	8	2	PID0331	mdf-4204	2	***			00	11	1E	11
AXA	9	3	PID0331	mdf-4204	3		+++		00	12	1E	12
	10	MUTE	PID0331	mdf-4204	Mute				00	3F	1E	3F
🔇 🔍 🔊	11	4	PID0331	mdf-4204	4				00	13	1E	13
	12	5	PID0331	mdf-4204	5				00	14	1E	14

- 2) Search and select code in database
- A) Please see photo 1 and find "Database" menu button, after pressing "Database" button, it appears below photo.



(1) My Database, Factory Database, Internet Shared Database

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- (2) Device type option
- (3) Brand Filter, Model Filter,

The search result is different according to "Search Option".

(4) Search Option

Configuration parameters	×
Search Option	
Characters ignored in search	
Automatic search 🔽 Enabled	
Brand search left match 🔽 Enabled	
Type selected by page's name 🦳 Enabled	
Ok Cancel	

-----Characters ignored in search, this is for Brand filter and Model Filter.

-----Automatic search means the result will change according to the characters entered if "enabled".

- -----Brand search left match, means it is only searched from prefix if "enabled". If "enabled" is not selected, the entered characters will be searched anywhere.
- -----Type selected by page's name, used for programmable remote control. Its model is searched under the device type in the main screen.

For example, select TV device page in main screen, if this option is enabled, the model is only searched in TV device type. In "Device type" window, only "TV" "RTV" are selected automatically. See below photo.

3) Code Search

Please see Item 9, "Code Search".

A) Add to my database

Please refer to Item 8, "Manage database".

B) Once one of code is selected, you can press OK, then it will appear in the list, in the meantime, Code number, brand and model name is displayed.

Then select one code for each device bank as shown above, TV, VCR/DVD, SAT and AUX.

C) Program (write)



File (Configuration	Tool	Help												
Read	Program Audio	Program	Select	Rear	range	Orders Mo	ve Up Mo	ve Down Delet	Learn	Near Learn F	ar Print				
				evice:		тν		VCR/DV	σ ν	SAT	r		AUX		
				Code:	МЗ										
				Brand:	GBS										
	🖉 🔜 🗹			Model:	222										
	000		No.	Key N	ame	PID	PName	Custom Key	Transmit	Key Select(D	Key Select(Data1	Data2	Data3	Data4
) 🕑 🥑) 🔛	▶ 1	POW		PID0331	mdf-4204	On/Off				00	01	1E	01
0			2	AV		PID0331	mdf-4204	TV/AV				00	19	1E	19
			3	EXIT		PID0331	mdf-4204	Menu Off				00	1A	1E	1A
6			4	MENU		PID0331	mdf-4204	Menu				00	05	1E	05
Guid	de Fay		5	AUDIO)	PID0331	mdf-4204	Menu audio				00	0D	1E	0D
) 😡 🐼		6	PICT		PID0331	mdf-4204	Menu video				00	0C	1E	0C
		\smile	7	1		PID0331	mdf-4204	1				00	10	1E	10
			8	2		PID0331	mdf-4204	2				00	11	1E	11
	A <u> </u>		9	3		PID0331	mdf-4204	3				00	12	1E	12
	1 oz		10	MUTE		PID0331	mdf-4204	Mute				00	3F	1E	3F
			11	4		PID0331	mdf-4204	4				00	13	1E	13
			12	5		PID0331	mdf-4204	5				00	14	1E	14
			13	6		PID0331	mdf-4204	6				00	15	1E	15
6	VOL CHIE	oge	14	i+		PID0331	mdf-4204	Display				00	1E	1E	1E

After all codes are decided, press "Program" menu button, place remote toward the programmer head to head, press "left" and "right" button simultaneously, then appear above photo. After it finishes, program (write) succeeds.

4) Search by code number

If you remember the code number, you enter the code number, the code will appear in the table immediately.

File Configuration Tool	Help												
Read Program Audio Program	Select.	Rearrange	Orders M	move Up	Down Dele	te Learr	Near Learn Fi	ar Print					
		Device: Code: 8142 Brand: Code	TV 2 4		VCR/DV	/D	SAT			AUX			
	No	Key Name	PID	PName	Custom Key	Transmit	Key Select(D.	Key Select(Data1	Data2	Data3	Data4	Dat
(1) (2) (3) (w)	P 1	POW	PID1011	MDF-4822	On/Off	***			4F	FF	7F	60	6F
0000	2	AV											
	3	EXIT	PID1012	MDF-4822-1	Menu Off				4F	FF	8B	60	6F
	4	MENU	PID1011	MDF-4822	Menu				4F	FF	B7	20	6F
	5	AUDIO	PID1012	MDF-4822-1	Menu audio	- 104			4F	FF	73	40	6F
	6	PICT	PID1011	MDF-4822	Menu video				4F	FF	4B	10	6F
	7	1	PID1012	MDF-4822-1	1	***			4F	FF	BF	20	6F
	8	2	PID1011	MDF-4822	2	200			4F	FF	3F	20	6F
	9	3	PID1012	MDF-4822-1	3				4F	FF	DF	40	6F



7, Code Learn

1) Press the learning button in software as below.

File Configuration Tool	Help					_		_					
Read Program Audio Program	Select.	Rearrang	e Orders M	A Move	Down Dele	te Learn	Near Learn Fr	ar Print					
		Device:	τv		VCR/D	/D	SAT		r	AUX			
		Code: 814	24										
		Brand: Code	9.81424										
		Model:											
0000	No.	Key Name	PID	PName	Custom Key	Transmit	Key Select(D	Key Select(Data1	Data2	Data3	Data4	Data
(1) (2) (3) (4)	1	POW	PID1011	MDF-4822	On/Off		300	(844)	4F	FF	7F	60	6F
0000	2	AV))(
	3	EXIT	PID1012	MDF-4822-1	Menu Off		1		4F	FF	8B	60	6F
0000	4	MENU	PID1011	MDF-4822	Menu				4F	FF	B7	20	6F
Text)							- 11				11 200		

2) Place the original remote control toward the programmer, leave 2-10cm.

	2cm	- 1		(1
--	-----	-----	--	----

- 3) Then, place the cursor to the key line you want to learn, then press key. PC/Smartphone receives the IR signal and will display the status of learning result.
- 4) Exit learning mode: Press again, exit the learning mode.

After learning, you may save it to a IR file. Open it, its content is as below photo.

> FileFormat=PRCTOOL Remote control descripe=: Device=PC Brand=UnkownBrand Model=33

Button's counts=4 0,POW=0031 47 0 6,1=0040 47 8 7,2=0040 47 10 8,3=A881 001E 0022 0000 00FF 000709 0135 0002EA 0135 0002EA 0135 0002EA 00FF 000709 0135 0002EA 0135 0002EA 00FF 000709 0135 0002EA 0135 0002EA 00FF 000709 00FF 000709 0135 0002EA 0135 0002EA 0138 00548A 00FF 000709 00FF 000709 00FF 000709 0135 0002EA 0135 0002EA 0135 0002EA 00FF 000709 0135 0002EA 0135 0002EA 00FF 000709 0135 0002EA 0135 0002EA 0135 0002EA 00FF 000709 0135 0002EA 0135 0002EA 0138 00548A 14,7=0040 47 30

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This result in rectangle is a kind of IR wave data, which should be processed then can be programmed into the Longer remote control. For more detail, please browse supplier's website or remote control data centre.

(1) Key code adjust

You can add or edit a custom key name, then press "up" and "down" arrow button, which means you adjust the code position. Also, you may "Rearrange Orders" of the button position according to its button names and "Delete" the button.

e <u>Configuration</u> <u>Tool</u>	Help	p					-										
ad Program Audio Program	Se	HH	Rearrange	Orders M	move Up Move	Down Delet	Lear	Near Learn F	or Print								
		D	evice: Code: 814	TV 24		VCR/DV	Ø	SA	r		AUX						
	I	No.	Vodet Key Name	PID	PName	Custom Key	Transmit	Key Select(D	Key Select(Data1	Data2	Data3	Data4	Data5	Data6	Data7	Data8
1 2 3 5		1	POW	PID1011	MDF-4822	On/Off			(i gast i	4F	FF	7F	60	6F	FF	7F	40
0000		2	AV					-									
		3	EXIT	PID1012	MDF-4822-1	Menu Off		145		4F	FF	88	60	6F	FF	88	40
2000		4	MENU	PID1011	MDF-4822	Menu	100	244		4F	FF	B7	20	6F	FF	B7	00
		5	AUDIO	PID1012	MDF-4822-1	Menu audio		344		4F	FF	73	40	6F	FF	73	70
		6	PICT	PID1011	MDF-4822	Menu video		244		4F	FF	4B	10	6F	FF	4B	20
		7	1	PID1012	MDF-4822-1	1				4F	FF	BF	20	6F	FF	BF	00
					1.00 mm			1		1.1.00	1 mm						

(2) Add to my database

After learning or editing a new code, you may add it to "my database" .

		IR Remote I	Database				- 0	×
		My Database	Factory Database Internet	t Shared Databas	e	(Open Code	Search >>
		All Type	✓ CD ✓ STB	Model Filter		Search	Reset	1
🥂 Programmable Remote	Control[7.4	ACCENT ACCENT		Device	Model	Cu M1	ue ivi	
File Configuration Too	ol <u>H</u> elp	GBS MOTOROLA						
Add to My Databas	e	PANASONIC						
Save to IR File	Ctrl+S							
ờ Open from IR File	Ctrl+O							
Contraction Upload	Ctrl+U			llobad	Denama Info	Convito New	Delete	
		-	1700-000	opioad	Rename into.	Copy to New	Delete	<u> </u>
		Search Optio	on Login			<u>O</u> K	<u>C</u> ancel	

Then, we can find this code record in "My database" as above photo.

(3) Output to PC disk or Phone





You may save the code to a IR code file with above operation.

Then you can find the Longer-test.txt file in hard disk. Let's open this txt file, we can see as below.

📕 longer-test.txt - 记事本
文件 (E) 编辑 (E) 格式 (E) 查看 (Y) 帮助 (H)
FileFormat=PRCTOOL
Remote control descripe=:
Device=TV
Brand=Longer
Model=test
D // 1 / 47
Button's counts=17
0,=00510FF13
2 -0051 0 FF 12
2,-005101119 3 -0051 0 FE 12
4 =0051 0 FF F
5 =0051 0 FF 14
6.=0051 0 FF 6
7.=0051 0 FF 7
8,=0051 0 FF A
9,=0051 0 FF C
10,=0051 0 FF E
11,=0051 0 FF E
12,=0051 0 FF E
13,=0051 0 FF F
14,=0051 0 FF 13
17,POWER=0051 0 FF 10
18,=0051 0 FF 16



8, Manage database

1) The code info in "My Database" and "Internet Shared Database" can be added, deleted, and imported or outputed. It lets the user to setup own database. "Factory Database" also can be uploaded codes by VIP users.



2) My database

2.1) New code in my database can be imported from PC file, "Factory Database", "Internet shared database" and learning code.

A. Open from IR file



You may open IR file with above operation, file->Open from IR file.



打开					? 🔀
查找范围 (I): Recent 反 夏面 の文档 受 我的电脑 の上邻居	Frogrammable Frontodeno. FrofileDemo. BACKUP Update Help Data Binn	le remote V3 .txt txt .txt	•	← È ☆	
	文件名 @): 文件类型 (I):	Longer-test.txt URC File (*.txt)		•	打开 (2) 取消

- B. Add to my database from "Factory Database", "Internet Shared Database" and learning code
- 2.2) Edit the code in "My Database"

Select one code as below photo, click right button of Mouse, it appears below option.

- A. Delete
- B. Copy to new
- C. Rename Info
- D. Edit Code
- E. Upload

ote Database		🔣 IR Code Editor[ACER RC 1534524 - 00 G 126]
Database Factory Database	Internet Shared Database	
All Type V LD V	RTV	Type PC Brand ACER Model RC 1534524 - 00 G
V TV V SAT V] PC	No Key Name TR Code
and Filter	Model Filter	
	SearchReset	2
CER	Device Model Code NC	3
CIKO	RTV 50 - 41189 P 9 M25	4
) noer	PC RC 15345 M26	
ilip	PC RC 15345 Copy to now M27	7
amsun	Prese Tafe	8
HARP	TALL C.A.	9
	Lait Lode	10
	obroad	11
		12
		13
		14
		16
		17
		18
		19
		20
		21
		22
		23
		24
		25
		20 27
	Upload Rename Info. Copy to new Delete	28
und Onter 1		29
arch option	<u>Qk</u> <u>Cancel</u>	

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There are below functions to edit code.

- A. Save into my database
- B. add to my database
- C. 📕 save to IR file
- D. **1** adjust up
- E. 🚺 adjust down
- F. 🗙 delete
- G. Learning

3) Internet Shared Database

In My database, any code can be uploaded to server. Only when user login, user can upload the code.User can manage own codes in data.clurc.net.

After clicking "Upload" button at the bottom of the database window, the selected codes can be uploaded to the server.



After uploading the IR code, it will be shown in "Internet shared database". In the meantime, it will appear in the upload database of website data.clurc.net.

When the "Internet shared database" is opened each time, software will try to connect to web server.



Downloading share database	
Connect to server	
	Abort

After connecting the server, then the new code info in the web server will be displayed in the software. But it can't be used to program directly. You have to "Add to my database", and then it can be used to program.

Remote Database	×
My Database Factory Database	Internet Shared Database
All Type DVD CD TEL V	
Brand Filter	Model Filter
LEARNED LENCO 策谐	Dev. Model Provider CodeNo.
Update	Add to my database
Search Option Login	k

4) Factory database(VIP user)

If end user often collects IR codes and would like to share them to others based on Longer software, the end user may apply to be VIP user by sending email to <u>czlyw@cldic.com</u>. Being a VIP user, the uploaded codes can be displayed in "Factory database". The provider will display VIP user ID. See below photo.

VIP user may mange the IR code in data.clurc.net. See item 5).



ly Database	Factory Datab	ase	Internet Sh	nared Database		Ope	n Code Search
All Type A/C COMBI DTT DVD	HIFI PC RTV RTV RVC SAT		VCR AUDIO				
and Filter			Model Filter	r			
					Sea	rch R	eset
ITCHELL & B	ROWN	-	Device	Model	Code NO	Provider	Download:
TROMETR		~	DTT	DVB - DIGITAL 1003	22000	factory	0
TRON			SAT	DVB - DIGITAL 1003	82000	factory	0
TRONIC			DTT	SL 55 DVB - S	22290	factory	0
TSAI			SAT	SL 65 DVB - S	82000	factory	0
TSUBISHI							-
ITSUMI TSUDI OENE	DAL						
	RAL						
IVAR							
NOTA							
IYUKI							
IZUDA		100					
KC		1					
KE							
KM							
KS							
OBILETY							
O LAVE							
OMITSU							
OMO VIDEO							
ONDIAL							
	A	4					
ONDIAL CAS							

5) Database management in website

The website address: <u>http://data.clurc.net</u> .

5.1) Register and Login

If you have registered a ID In old website <u>www.clurc.net</u>, you may use it to login

without needing to register again. If meeting the problem about the password mistake, you may try to recover it according to the guide on the web page.

Otherwise, you should register new one ID.

IR	Remote Control Database Center	
	Login Enter your username and password to log on:	a,
	ethan .	
	Sign in!	
	Forgonien your opernarine or password (ivew to site? Register	

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5.2) Upload IR code

After Login, you may upload the IR code (txt file which is output or saved from Longer IR remote control software.)

User Center		
IR File Uploader My IR File Manager	IR FILE UPLOADER	
	Drag & drop files here	
	Open the file Browser Αναζήτηση	

If your ID is VIP type, your code will be uploaded to "factory database" and "Own database" in V8 software.

If your ID is Normal type, your code will be uploaded to "Internet shared database".

5.3) Edit database

Normal user can have below table to edit own database. The uploaded code will be shown and shared in "Interner shared database" in Longer V7 or V8 remote control software.

User Center											
IR File Uploader	Col	ID	Brand	Model	Device	Upload Time	Downlo	GoodCo	BadCou		
My IR File Manager											2
	1	14452	SONY	SomeModels	TV	2019-10-22	0	0	0	/ Edit	x De
	2	14448	LG	SomeModels-1	TV	2019-10-22	1	0	0	/ Edit	¥ De
	3	14449	LG	SomeModels-2	TV	2019-10-22	1	0	0	/ Edit	x De
	4	14450	PHILIPS	SomeModels-1	TV	2019-10-22	1	0	0	/ Edit	x De
	5	14451	Philips	SomeModels-2	TV	2019-10-22	1	0	0	/ Edit	x De
	6	14447	WHARFEDALE	WH-AV4337	AUDIO	2019-10-22	1	0	0	/ Edit	x De

VIP user can have below table to edit own database.



User Center													
		Cod	le Group	list								2	
IR File Uploader			ID	Brand	Model	Device	Shared	Upload Time	Downlo	GoodCo	BadCou		
My IR File Manager													
	-	1	14452	SONY	SomeModels	TV	1	2019-10-22	0	0	0		×
		2	14448	LG	SomeModels-1	TV	1	2019-10-22	1	0	0	/ Edit	×
		3	14449	LG	SomeModels-2	TV	1	2019-10-22	1	0	0	/ Edit	×C
		4	14450	PHILIPS	SomeModels-1	TV	1	2019-10-22	1	0	0	/ Edit	жD
		5	14451	Philips	SomeModels-2	TV	1	2019-10-22	1	0	0	/ Edit	жD
		6	14447	WHARFEDALE	WH-AV4337	AUDIO	1	2019-10-22	1	0	0	/ Edit	×C

Above items within the rectangle can be edited after clicking the "Edit" button on the right.

VIP user can edit "shared" item to "factory database" in the Longer V7 or V8 remote control software.

Besides, user can see the times of downloading by users. Also, user can see the rating status of the uploaded code.

5.4) Delete database

See above photo, click the "Delete" button on the right.



9, Code search

If you only know device type (TV, DVD ...), not knowing brand name, model name, you can use this function to search the code. When you meet a device, you are not able to find its remote or replacement, please try this function.

The IR programmer can be used to transmit IR codes to control device. Please see below photo which is used in PC-BASED remote control. You may also use smart phone and IR programmer to do it.



There are 3 kinds of code search function. Key code search, transmitting search and learning search. 1) Key code search

It can be used to search the database to match selected or assigned remote control. See photo below.

First step: select a target remote control from "my database" or "system database".

Then click "Assign code" to select this code to right remote control map.

Second step: select source remote control range from "my database" or "system database". You can enter key words of brand or model to limit the range. After selecting, the searched key code number will appear in "Current Code

Group List: ". The quantity display beside.

Third step: Click the key in right remote control map and double click to search the key to match in the code range in " Current Code Group List ". The searching result also displayed in this list.



User Manual for Longer Programmable Remote Control(PRC) (V20)

My Database Factory Database Close Code Search Key Code Search Tanemitting Search W Alt Type COMBI DIVD LCD RTV SAT VCR Brand Filter Model Filter Search Reset Comerce Context Access Access<	Se Se re	econd step: elect source mote control from database	_	First step: select a target remote control from database	Third step: Click keys to search
	My Database Factory Database My Database COMBI DVD M A/C DTT HIFI Brand Filter Combined MiFI Brand Filter Combined Combined Control Combined Combined BTECH Combined Combined HORE BTECH Combined HORE A TREND A.H.B. TVISION A.R. SYSTEM AB SAT ABCOM ACCCRS ACCORD ACCORD ACCORD ACCOUSTIC SOLUTIONS ACCIDRASE ACEC ACER ACINO ACURA ADB ADDON ADB ADD Add to my database	Model Filter Model Filter Model Filter Model SAT S900 SAT CX 6910 SAT CX 691	Close Code Search ✓ VCR Search Reset Code NC 99446 99779 9779 97	Key Code Search T ansmitting Search Learning Search Assign Code Code: M26 Code: M26 Kernesh L Brand: test Model: Learning Search Worde: test Learning Search South Paradit: Learning Search Learning Search South Current Code Group List: 3689 9 H4 South P9446 P9446 P9446 P9446 P94423 P94423 P9455 P9552 22050 27569 P94563 P94663 P94653 P94653 P94553 P95517 P15153 36399 P7899 P9852 S5669 P99552 S5689 P99552 S569 RET PREC STOP RET VEX Search model VEX VEX	ab ID Resolution ID Resolution ID ID ID

Fourth step: After finding the correct code by click to search key code, click "Search Model" to search brand and model which have same code number in "Current Code Group List".

Database Factory Database					Close Code Search ≫	Key Code Search Transmittin	g Search Learnir	ng Search		
All Type COMBI D A/C DTT H	VD VD	LCD PC	RTV RVC	SAT TV	VCR	Assign Code >>>	Pov.		TEXT	TV
and Filter	Model	Filter			Search Reset	Brand: A.H.B. TVISION Model: FB 300	TIMER	SUBT.	EXPAND	ВАСК
H.B. TVISION HB TVISION		/ice 4822.218	Model	1	Code NC	Find same key code	UPDATE	REVREAL	TXT STOP	INFO
KURA MADEUS (KOENIG) RISTONA (PHILIPS) AUER	RTV	4822 218	8 30445		78220	Current Code Group List: 3 78220 98078 20169	RED	GREEN	YELLOW	BLUE
AUK KAVO ARYONSE (PHILIPS) .ASSIC MEMOTES ME						19100	AUDIO	UP	PICT	LEFT
DM DNEL ARWIN ECCA (TATUNG) RRES (PHILIPS)							EXIT VOL-	VOL+	I+ CH-	CH+
SP DELITY RST LINE 3S DRIZONT (PHILIPS)							2	3	4	5
Q DESIGN IC ITERBUY ITEREACTIVE								0/10	P/C	
Add to my database	Ŧ					K Search model				
arch Option Login				Qk	<u>C</u> arcel	7				

2) Transmitting search

Search the code by transmitting key code in database from PC directly. See below photo.

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Remote Databas <mark>e</mark>			x
My Database Factory Database		Close Code Search ≫	Key Code Search Transmitting Search Learning Search
All Type COMBI DVD A/C DTT HIFI	V LCD V RTV SAT V PC V RVC V TV	VCR	Current Code Number: 71447 Prior Next Pow Av Text Tv
Brand Filter	Model Filter		
lg	6710	Search Reset	Automatic search interval(Sec.): TIMER SUBT. EXPAND BACK
	Device Model	Code NG	4 🛨
LG	RTV 6710 900010 A(DVD)	71447	UPDATE REVREAL TXT STOP INFO
	RTV 6710 900010 A(TV)	77036	Auto start
	RTV 6710 900010 G(DVD)	71447	Checked ok
	RTV 6710 900010 G(TV)	77036	
	RTV 6710 900010 J(DVD)	71447	Current Code Group List: 23
	RTV 6710 900010 J(TV)	77036	71447 AUDIO UP PICI LEFI
	RTV 6710 900010 W(DVD)	71447	7/036
	RTV 6710 900010 W(TV)	77036	77846 OK RIGHT MENU DOWN
	RTV 6710 900010 W(VCR)	76019	75459
	RTV 6710 900011 P(DVD)	77846	74149 22765 EXIT VOL+ I+ CH+
	RTV 6710 900011 P(TV)	75459	32753
	RTV 6710 900011 P(VCR)	76019	32785
	RTV 6710 900016 A	74149	48256
	DVD 6710 CDAG 04 A	32765	70885
	DVD 6710 CDAK 11 C	32753	2 3 4 5
	DVD 6710 CDAL 01 A	32753	77809
	DVD 6710 CDAM 02 B(DVD)	37846	72108 6 7 8 9
	DVD 6710 CDAM 02 B(VCR)	36019	
	DVD 6710 CDAM 03 A(DVD)	31447	78544
	DVD 6710 CDAM 03 A(VCR)	36019	73879
	DVD 6710 CDAT 05 C	32753	79548
	DVD 6710 CDAT 06 C(DVD)	32753 👻	174189
Add to my database			K Search model
Search Option Login	C	k <u>C</u> ancel	

- First step: select the source remote control range. For example, enter "LG" brand and "6710" model key words. The result is listed. In the meantime, the code numbers of these remote control are listed in "Current Code Group List". The first code number of remote control key name is displayed in right remote control map.
- Second step: Click one key name to select the key to transmit key code by IR programmer directly.(It must be CLR7090). Before transmitting, the device has to be prepared and power on. IR programmer has to be put toward the device. If the device can be controlled, try other keys. If the device isn't controlled, try next code number by clicking "Next" button or "Start" button to transmit IR codes automatically. When the device is controlled, click "Stop" button to stop the auto transmitting.(Setup the interval time between 2 codes, 4-9 seconds). After finding one code number with the selected key name, select "Checked OK". Then select other key name to repeat this second step.
- Third step: After finding the correct code key code, click "Search Model" to search brand and model which have same code number in "Current Code Group List".
- 4) Learning search

Search the code in database by learning. See below photo.



🗶 Remote Database			
My Database Factory Database	<u></u>	Close Code Search	Key Code Search Transmitting Search Learning Search
My Database Factory Database	/D HH PC RTV Model Filter / KA111 VA11 / KA114	Coose Code Search>> RVC VTV SAT VCR Search Reset Code Ni 105924	Key Code Search Transmitting Search Learning Search Current Code Group List: 2 99331 99331 Concel the key filter Far Learning Tode Near Learning Tode Search model
Add to my database			
Search Option		Qk <u>C</u> ancel	

First step: select the source remote control range. For example, enter "LG" brand and "6710" model key words. The result is listed. In the meantime, the code numbers of the remote control are listed in "Current Code Group List". The first code number of remote control key name is displayed in left remote control map.

Second step: Click one key name to select the key to be matched or searched.

Put the other remote control toward the IR programmer in direct line, leaving 2-10CM. Press the key of other remote control with the same key name as the remote control map. The learning search result is listed in "Current Code Group List". After one key learning search, repeat this second step to search other key.



Third step: After finding the correct key code, click "Search Model" to search brand and model which have same code number in "Current Code Group List".



10, Edit button code, name and position

- 1) Edit button code
 - Code Learn (See "Code Learn")
 - Delete code

Click in quick button menu, the button code of the selected column will be deleted.

- Select button code from database or other bank

In the main screen of PRC software, there are 2 rows at the right of table, named "key select (database)" and "key select (bank)". It means that each button code may be selected from database or other device bank (For example, CLR7922'S 6 device banks, TV, VCR, STB, CBL, DVD, AUX)

key Select(database)	key Select(bank)

2) Edit button name

After setup code into main table from database, learning, file or other ways, user can edit button "custom key name", in order to match the name of real PRC.

	No.	Key Name	PID	PName	Custom Key Name	Transmit	Key Select(D	Key Select(Data
Þ	1	POW	PID0051	uPD6121G	On/Off				40
	2	AV							
	3	EXIT	PID0051	uPD6121G	Menu Off				40
	4	MENU	PID0051	uPD6121G	Menu				40
	5	AUDIO	PID0051	uPD6121G	Menu audio				40
	6	PICT	PID0051	uPD6121G	Menu video				40
	7	1	PID0051	uPD6121G	1				40

3) Edit button position

In order to put custom code to the button with same function in the real PRC, user can use below ways to adjust.

- Click UP/DOWN menu button.
- Click (Rearrange key order by name). Software will compare "Custom key name" and the default key name and key name template and arrange it automatically.
- Setup template.



Click "Configuration -> Similar key names management" as below photo.

<u>C</u> o	onfiguration <u>T</u> ool <u>H</u> elp	
	Remote Control Model Set	1
	Configuration	Ē
	Language >	ŀ
	Similar key names management	F
-		

It appears below window.

	/ <u>+ + X</u>						
No.	Main	Similar1	Similar2	Similar3	Similar4	Sir 🔺	Reamble
1	ن	POWER	ON/OFF				Search
2	1						
3	2						
4	3						
5	4						
6	5						
7	6						
8	7						
9	8						
10	9						
11	G.### 1.						
12	0						
13	Fav 2.						
14	4						
15							
16	Plat					\pm	
17	-						
18	ок	RETURN	ENT				
19							
20	MENU					+	
21	T					\pm	
22	-						

4) Modify button ID

This function is useful for the IR code file that is made with one model, such as CLR7980, and used to another mode, such as CLR79843. Because the button ID in each file is different. See below file photos.







The IR file is made basing on CLR7980, which will be used in CLR79843. In order to match the button position for one time, we may use "Modify Button ID" function to make a button ID map.

After making it, the setting is saved. If you want to activate, please click the option below the "Mapx" column. See below photo.



											Device Name	-
nd PRC Keyname	Default Button K	Map1	Map2	Map3	Map4	Map5	Map6	Map7	Map8	^		
POW	0[On/Off]	<u> </u>									Button KevID(BL	^
SUURCE											0[On/Off]	
	41[Yellow]										1[TV/AV]	
STOP	27[Tvt Stop]										2[Menu Off]	
0 510P	20(Ded)										3[Menu]	
	35[lindate]										4[Menu audio]	
DEW	40[Green]	<u> </u>									5[Menu video]	
E FWD	42[Blue]										6[1]	
0 NEXT	36[Reveal]										7[2]	
1 SLEEP	31[Sleep Timer]										8[3]	
2 SUBT.	32[Subt.List]										9[Mute]	
3 TOP MENU	990										10[4]	
4 TV RADIO	21[Return TV]					1					11[5]	
5 SIZE	100[]										12[6]	
6 AUDIO	4[Menu audio]										13[Display]	
7 MEDIA	5[Menu video]										14[7]	
8 FAV.	20[2.Fav P/C 2.]						1				15[8]	
9 ZOOM(RED)	33[Txt Expand]										16[9]	
0 PROG(GREEN)	34[Back]										1/[lext]	
1 SETUP(YELLOW)	101[]	4					1				10[Guide -/ 1.]	
2 REPEAT(BLUE)	102[]	5									19[0/10]	
3 MENU	3[Menu]										2012.Fav P/C 2.J	~
4 UP	22[Menu Up]		-		1.					~	Display the rest but	tton of o
etting Actived			Г	Г	Г	Г		Г	Г		// Fil	=1
					1	1	h					



11, Print

Press	🛓 in the menu	† ↓	× 🖃	, appear below remote control button name
rela	ation table.			

					Programn	nable Remote	Control Set	ting View				
Longer Ele	ectronic Co.	,Ltd		FI. 4, N	o.431-1, Goi	ngrenxincun, (Changzhou, J	Jianqsu		86-519-851	80781	
		TV		VCR		STB		CBL		DVD		AUX
Layout Keys			/									
	Direct	Shift	Direct	Shift	Direct	Shift	Direct	Shift	Direct	Shift	Direct	Shift
ڻ												
1												
2							_					
3												
4												
5												
6												
7												
8												
9												
Eddar 1.												
0												
PC 2.												
L L												
A												

In the table, the company name and address may be edited in "Configuration" as below window.

English		· · · · ·	च	
, 🔲 Reading igno	ored keys	data	_	
Auto identify	,			
Print title settin	g			
Company	Longer	Electronic C	o.,Ltd	
Address	FI. 4, No	.431-1, Goi	ngrenxin	
Contact	+86-519	-85180781		
			······································	



12, Some useful skills

1) Reset to factory setting

Fill in "test" in the brackets, then program to remote control.

- 2) Test if the programmed code into remote is correct.
 - In order to test if the remote is fine, please follow below instruction.
- (a) Reset to factory setting
- (b) Restart software and make sure the key table is blank.
- (c) Use "Code Learn" (Item 7) to learn each key code to key table.
- (d) Save to IR file. Refer to Item 7-5) output to PC hard disk. Name its file to be "Test- new.txt".
- (e) Identify (Read) the remote code, or save "Test" code into PC file, also name it to be "Test.txt".
- (f) Open "text.txt" and "Text-new.txt", compare its content, check if the key codes inside is same.
- (Note: Above is only an example. User can use other codes to test and compare. This method is either to test remote control or to test the content inside the remote)



13, Others

1) Updating



Updating database...

14%	Abort
	-

2) About









3) Language

🥂 Pro	ogrammable Remote Control[7.4.0.25]	
File	Configuration Tool Help	_
-	Remote Control Model Set	
Read	😵 Configuration	Orders Move Up Move Down Delete
K	Language 🔸	English(English)
G	Similar Key Name Management	Български(Bulgarian)
	Modify Button ID	Espa?ol(Spanish)
	Communicate via Wifi	Fran?ais(French)
P.I	TODE S.MODE 3D MODE 4 PAUSE	Português(Portuguese)
	5 STOP	Deutsch(German)

4) Internet proxy setting

Only when updating, PC is needed to connect internet. If no proxy is set, it uses direct mode to connect web server. Otherwise, it needs to be set proxy parameter.

Configuration p	parameters	
Internet connection Language Search Option		
Oirect	C Proxy	
Proxy server		
Proxy port		
	Ok	Cancel



5) History



6) Help





14, FAQ

1) How to test the remote control to be fine?

Answer: (1) If installing 2pcs AAA battery correctly, the LED of remote control will flash once. That means this remote initializes well.

2) Why doesn't the LED flash when pressing some keys? Answer: It is correct, because these key codes are not available.

3) Why does the programmer flash continuously? Answer: It is normal.

4) How to get more support?

Answer: Please contact your direct supplier.

5) How to find more codes which is not included in database by yourself?

Answer: There are many ways.

- a) Find a universal remote control, if you can find one code which can control your device, then you can learn it into PC software and adjust its key position.
- b) Find other PC programmable remote control, search it and learn it into "My database".
- c) If you know its brand and make, you can search it in website, www.clurc.net.