

2-9. Remote Control Unit (RCU) Set-up

Vu+ RCU is a universal RCU that can be used for TV and STB at the same time.

A. User Guide of Vu+ Universal RCU

Pre-note

<< >> means long press

< > means normal press

4 digit code can be found in the TV brand code list of the user manual.

The new RCU of Vu+ is a universal type and you can control your Vu+ STB and TV at the same time. This universal RCU is a modeless design. While offering the basic control functions of your TV (TV Power, Volume +/-, Mute, AV), you can control STB without having to select mode between TV and STB every time. Compared to those universal RCU of mode selection types, the modeless universal RCU of Vu+ is clearly a smarter choice by eliminating unneeded control functions.

1. TV setting

Set-up Sequence: <<1 + 3>>, <4digit brand-code>, <<Mute or Power>>

1. Press number 1 and 3 for three seconds until LED is on.
2. Find your TV brand-code from the TV code list and insert 4 digit code.
 - If you press "0000", Full Automatic Scan will start. This will take a while.
3. Keep pressing Mute button (or Power) until your TV is muted (or turned off)
4. If your TV is muted (or turned off), stop pressing Mute button.
5. Now, your RCU is in test mode and press Volume +/- to check if your TV responds.
6. If the volume buttons are operational, Press <OK + STOP (⏻)> to escape from the set-up mode.

2. AV setting

AV button is for the selection of TV video source. AV button may be automatically set up depending on TV models. In case it is not automatically configured, please follow the instructions below.

Set-up Sequence <<1 + 9>>, <<AV>>

1. Press 1 and 9 for three seconds until LED is turned on.
2. Keep pressing AV button until your TV responds and displays the video input source.
3. If AV button is working, check if AV button is properly working several times.
4. Press <OK + STOP (⏻)> to escape from the set-up mode.

3. RCU Buttons for TV

- * Buttons for TV only: TV Power, AV
- * Buttons switchable between TV and STB: Volume +/- and Mute
 - These buttons are for STB only before the RCU set-up is done.
 - It is switchable only after the configuration is done.
- * All the other buttons are for STB only

4. Mode Switch of Volume +/- and Mute

For the sake of easy volume control, please set the STB volume at 50% of the maximum level and set this level as the default volume level from STB. Then, you just have to control your TV volume only without having to adjust STB volume at the same time.

Set-up Sequence: <<1 + 6>>, <9>, <9>, <3>, <TV Power or STB Power>

1. Press 1 and 6 for three seconds until LED is on.
2. Press <9>, <9>, <3>.
3. If you want to control of TV volume, press TV Power button. If you want to control STB volume, press STB Power button.

5. Reset of TV Set-up

In case you want to reset the configured TV set-up of your RCU,

Press Sequence: <<1 + 6>>, <9>, <9>, <6>

1. Press 1 and 6 for three seconds until LED is on.
2. Press <9>, <9>, <6>.
3. This will reverse the RCU into no configuration state.

6. System Code Change.

You can change the system code of your Vu+ universal RCU according to the Vu+ model that you want to control. The default system code is Mode 2.

Mode 1 : SOLO / DUO

Mode 2 : UNO

Mode 3 & 4 : reserved for future models.

Press <<2 + 7>>, <HELP>, <0001 or 0002 or 0003 or 0004>

1. Press 2 and 7 for three seconds until LED is on.
2. Press HELP
3. Press <0001 or 0002 or 0003 or 0004>

DISCLAIMER

Vu+ universal remote controller (RCU) is developed with Philips Electronics. The database used in the Vu+ RCU supports more than 90% of the TV brands available on market. This means that your TV may not be compatible with this universal RCU in some rare cases. In this case, Vu+ RCU can be used only for Vu+ set top box.

B.Function Key Table

Number	Key description	STB mode description	TV mode description
1	STB Power	STB Power Toggle	-
2	TV Power	-	TV Power toggle*
3		STB TELETEXT	-
4		STB SUBTITLE	-
5	AV	-	TV AV*
6	MUTE	STB Mute	TV Mute*
7	Digit 1	STB Digit 1	-
8	Digit 2	STB Digit 2	-
9	Digit 3	STB Digit 3	-
10	Digit 4	STB Digit 4	-
11	Digit 5	STB Digit 5	-
12	Digit 6	STB Digit 6	-
13	Digit 7	STB Digit 7	-
14	Digit 8	STB Digit 8	-
15	Digit 9	STB Digit 9	-
16		STB Delete previous character	-
17	Digit 0	STB Digit 0	-
18		STB Delete next character	-
19	Red	STB Red	-
20	Green	STB Green	-
21	Yellow	STB Yellow	-
22	Blue	STB Blue	-
23	Up	STB Cursor Up	-
24	Left	STB Cursor Left	-
25	OK	STB OK	-
26	Right	STB Cursor Right	-
27	Down	STB Cursor Down	-
28	VOL+	STB Volume up	TV Volume Up*
29	EXIT	STB EXIT	-
30	CH+	STB Channel Up	-
31	VOL-	STB Volume down	TV Volume Down*
32	EPG	STB EPG	-
33	CH-	STB Channel Down	-
34	MENU	STB MENU	-
35		STB ARCHIV	-
36	AUDIO	STB AUDIO	-
37	HELP	STB HELP	-
38	Fast Rewind	STB Fast Rewind	-
39	Play	STB Play	-
40	Pause	STB Pause	-
41	Fast Forward	STB Fast Forward	-
42	TV	STB Go to TV channel list	-
43	Record	STB Record	-
44	Stop	STB Stop	-

45	Radio	STB Radio	-
None button related code	[IR-BatteryLow]	Signals the STB that the battery is running low.	

* Shall only be available when the user configure the related feature (TV-setup and/or Volume Punch through)

C.TV Code List

Brand ID for Device TV:

A.R. Systems	0012	Ampro	0139
Abex	0014	Amstrad	0140
ABS	0016	Anam	0146
Accent	0019	Anam National	0147
Acer	0028	Andersson	0148
Acoustic Solutions	0032	Anglo	0151
Action	0033	Anitech	0154
Acura	0036	Ansonic	0156
ADA	0038	AOC	0165
ADC	0040	Apex Digital	0170
Addison	0043	Apollo	0171
Admiral	0046	Apple	0172
Advent	0054	Arc En Ciel	0178
Adventura	0055	Arcam	0179
Adyson	0058	Ardem	0184
AEG	0059	Aristona	0192
Agashi	0063	ART	0199
AGB	0064	Arthur Martin	0200
Aiko	0069	ASA	0202
Aim	0070	Asberg	0205
Aiwa	0072	Astar	0218
Akai	0074	Astra	0221
Akashi	0075	Asuka	0227
Akiba	0078	ATD	0229
Akira	0079	Atlantic	0233
Akito	0082	Atori	0237
Akura	0083	Auchan	0240
Alaron	0085	Audiosonic	0264
Alba	0086	Audioton	0266
Albatron	0087	Audiovox	0268
Alcyon	0093	Audioworld	0269
Alienware	0099	Ausind	0276
Allorgan	0105	Autovox	0280
Allstar	0108	Aventura	0287
America Action	0123	Awa	0296
Amoi	0132	Axxon	0303
Amplivision	0138		

Baird	0311	C-Tech	0449
Bang & Olufsen	0314	Caihong	0462
Barco	0319	Caishi	0465
Basic Line	0325	Candle	0480
Bastide	0327	Capsonic	0486
Baur	0331	Carad	0488
Baysonic	0333	Carena	0489
Bazin	0335	Carnivale	0491
Beaumark	0340	Carrefour	0492
Beijing	0345	Carver	0494
Beko	0346	Cascade	0496
Belcor	0348	Casio	0499
Bell & Howell	0350	Cathay	0501
Belson	0355	CCE	0504
Belstar	0357	Celebrity	0509
BenQ	0359	Celera	0510
Beon	0361	Celestial	0511
Berthen	0363	Centrex	0516
Best	0364	Centrum	0519
Bestar	0368	Centurion	0520
Bestar-Daewoo	0369	Century	0521
Binatone	0378	CGE	0523
Black Diamond	0384	Changcheng	0526
Black Star	0386	Changfei	0527
Blackway	0388	Changfeng	0528
Blaupunkt	0390	Changhai	0529
Blue Sky	0395	Changhong	0530
Blue Star	0396	Chun Yun	0545
Boca	0399	Chunfeng	0546
Bondstec	0403	Chung Hsin	0547
Boots	0405	Chunsun	0549
BPL	0413	Cimline	0552
Bradford	0414	Cinex	0563
Brandt	0416	Citizen	0567
Brilliant	0422	City	0569
Brinkmann	0423	Clarion	0575
Brionvega	0424	Clarivox	0576
Britannia	0425	Clatronic	0581
Brockwood	0430	Clayton	0582
Broksonic	0432	CMS	0590
Bruns	0435	CMS Hightec	0591
BskyB	0436	Coby	0597
BSR	0437	Commercial Solutions	0615
BTC	0439	Concerto	0625
Bush	0445	Concorde	0626
Byd:sign	0448	Condor	0627
		Conia	0628

Conrowa	0634	Donghai	0821
Contec	0635	Drean	0832
Continental Edison	0637	DSE	0833
Cosmel	0647	DTS	0837
Craig	0650	Dual	0838
Crosley	0655	Dumont	0840
Crown	0658	Durabrand	0842
CS Electronics	0663	Dux	0843
CTC	0664	DVX	0847
CTX	0665	Dwin	0848
Curtis	0666	DX Antenna	0849
Curtis Mathes	0667	Dynatron	0855
CXC	0670	Easy Living	0860
CyberPower	0674	Ecco	0864
Cybertron	0675	ECE	0865
Cytron	0680	Elbe	0880
D-Vision	0684	Elcit	0883
Daewoo	0692	Electroband	0888
Dainichi	0694	Electrograph	0889
Dansai	0699	Electrohome	0890
Dantax	0702	Elektra	0896
Datsura	0703	Elfunk	0899
Dawa	0707	ELG	0900
Daytron	0710	Elin	0902
De Graaf	0716	Elite	0903
DEC	0717	Elman	0907
Decca	0718	Elta	0910
Deitron	0722	Emerson	0917
Dell	0725	Emperor	0921
Denon	0731	Emprex	0922
Denver	0733	Envision	0933
Desmet	0738	Enzer	0934
Diamant	0746	Epson	0937
Diamond	0747	Erres	0942
Diamond Vision	0748	ESA	0943
Dick Smith Electronics	0750	ESC	0945
Digatron	0751	Etron	0949
Digihome	0758	Eurofeel	0954
Digiline	0759	EuroLine	0955
Digital Life	0772	Euroman	0956
Digitex	0780	Europa	0957
Digitor	0781	Europhon	0959
DirecTV	0794	Evesham	0972
Dixi	0807	Evolution	0973
DL	0810	Excello	0975
Domeos	0817	Expert	0976
Dongda	0820	Exquisit	0978

Feilang	0990	GP	1147
Feilu	0991	GPM	1149
Feiyue	0993	GPX	1150
Fenner	0994	Gradiente	1151
Ferguson	0996	Graetz	1152
Fidelity	0998	Granada	1154
Filsai	1000	Grandin	1156
Finlandia	1003	Gronic	1160
Finlux	1004	Grundig	1162
Firstline	1008	Grunkel	1164
Fisher	1009	Grunpy	1165
Flint	1014	Haaz	1172
FNR	1016	Haier	1175
Formenti	1023	Haihong	1176
Formenti-Phoenix	1024	Halifax	1179
Fortress	1027	Hallmark	1180
Fraba	1030	Hampton	1183
Friac	1040	Hankook	1188
Frontech	1042	Hannspree	1189
Fujitsu	1052	Hanseatic	1190
Fujitsu General	1053	Hantarex	1192
Fujitsu Siemens	1054	Hantor	1193
Funai	1056	Harley Davidson	1197
Furichi	1058	Harman/Kardon	1198
Futronic	1061	Harvard	1202
Futuretech	1064	Harwa	1203
Galaxi	1068	Harwood	1204
Galaxis	1069	Hauppauge	1206
Gateway	1076	Havermy	1208
GBC	1078	HCM	1210
GE	1081	Helios	1219
Geant Casino	1082	Hello Kitty	1221
GEC	1083	Hema	1222
Geloso	1087	Hemmermann	1223
General Technic	1095	Hewlett Packard	1229
Genesis	1096	Hifivox	1233
Genexxa	1097	Higashi	1234
Giant	1113	Highline	1236
Gibraltar	1114	Hikona	1237
Go Video	1126	Hinari	1243
Goldfunk	1135	Hisawa	1247
GoldHand	1136	Hisense	1249
Goldline	1138	Hitachi	1251
GoldStar	1140	Hitachi Fujian	1252
Goodmans	1142	Hitec	1253
Gorenje	1144	Hitsu	1257
		Hoeher	1262

Hongmei	1272	ITT	1406
Hornophon	1277	ITT Nokia	1407
Hoshai	1278	ITV	1408
Howard Computers	1281	Janeil	1414
HP	1283	JBL	1420
Huafa	1287	JCB	1421
Huanghaimei	1288	Jean	1424
Huanghe	1289	JEC	1426
Huanglong	1290	Jensen	1429
Huangshan	1291	Jiahua	1435
Huanyu	1292	Jinfeng	1438
Huari	1294	Jinhai	1439
Humax	1298	Jinxing	1442
Hush	1304	JMB	1445
Hygashi	1308	JNC	1446
Hyper	1309	Jocel	1448
Hypson	1312	Jubilee	1460
Hyundai	1315	JVC	1464
Iberia	1320	Kaisui	1471
iBUYPOWER	1322	Kamp	1475
ICE	1324	Kangchong	1476
ICeS	1325	Kanghua	1477
iLo	1341	Kapsch	1483
Imperial	1346	Karcher	1484
Indesit	1349	Kathrein	1486
Indiana	1350	Kawa	1487
Infinity	1352	Kawasho	1489
InFocus	1353	KDS	1494
Ingelen	1354	KEC	1496
Ingersol	1355	Ken Brown	1499
Initial	1356	Kendo	1500
Inno Hit	1358	Kennedy	1504
Innova	1359	Kennex	1505
Innovation	1360	Kenwood	1507
Inotech	1364	Khind	1511
Insignia	1368	KIC	1512
Inteq	1373	Kingsley	1520
Interbuy	1376	Kiota	1522
Interfunk	1377	Kioto	1523
Internal	1379	Kiton	1525
International	1380	KLH	1529
Intervision	1386	KLL	1531
Irradio	1396	Kloss	1532
IRT	1397	Kneissel	1535
Isukai	1402	Kolin	1541
ITC	1404	Kolster	1543
ITS	1405	Konig	1547

Konka	1548	Mandor	1717
Korpel	1552	Manesth	1718
Korting	1554	Manhattan	1719
Kosmos	1557	Marantz	1724
Koyoda	1561	Marelli	1729
KTV	1572	Mark	1731
Kunlun	1578	Mascom	1738
Kuro	1579	Mastro	1743
Kyoshu	1583	Masuda	1744
Kyoto	1585	Matsui	1750
L&S Electronic	1588	Matsushita	1751
LaSAT	1597	Maxdorf	1756
Lavis	1602	Maxent	1757
Lecson	1606	Maxim	1759
Lenco	1615	McMichael	1768
Lenoir	1617	Meck	1775
Lesa	1622	Media Center PC	1777
Lexsor	1626	Mediator	1784
Leyco	1627	Medion	1787
LG	1628	Medison	1788
Liesenk & Tter	1630	Megapower	1791
Liesenkotter	1631	Megatron	1795
Lifetec	1633	MEI	1796
Linksys	1640	Melvox	1799
Lloyd's	1648	Memorex	1800
Local India TV	1653	Memphis	1802
Local Malaysia TV	1656	Mercury	1804
Lodos	1659	Mermaid	1806
Loewe	1660	Metronic	1809
Logik	1661	Metz	1810
Logix	1663	MGA	1811
Luma	1674	Micromaxx	1822
Lumatron	1676	Microsoft	1826
Lux May	1680	Microstar	1827
Luxman	1682	MicroTEK	1829
Luxor	1683	Midland	1831
LXI	1686	Mikomi	1833
M Electronic	1688	Minato	1835
Madison	1698	Mind	1837
MAG	1701	Minerva	1838
Magnadyne	1702	Minoka	1840
Magnafon	1703	Mintek	1845
Magnasonic	1704	Minutz	1847
Magnavox	1706	Mitsubishi	1855
Magnin	1708	Mivar	1857
Magnum	1709	Monivision	1872
Majestic	1713	Morgan's	1875

Motion	1877	Nu-Tec	2048
Motorola	1878	NuVision	2053
MTC	1889	Oceanic	2061
MTEC	1890	Okano	2065
MTlogic	1892	Olevia	2067
Mudan	1896	Omni	2074
Multistandard	1904	Onida	2081
Multitec	1906	Onimax	2082
Multitech	1907	Onwa	2087
Murphy	1911	Opera	2090
Musikland	1915	Oppo	2092
Myryad	1922	Optimus	2095
NAD	1926	Optoma	2097
Naiko	1930	Optonica	2099
Nakimura	1933	Orbit	2103
Naonis	1936	Orion	2111
NAT	1941	Orline	2113
National	1942	Ormond	2114
NEC	1950	Orsowe	2116
Neckermann	1951	Osaki	2118
NEI	1952	Osio	2121
Nesco	1960	Oso	2122
Netsat	1966	Osume	2123
NetTV	1967	Otic	2125
Network	1968	Otto Versand	2126
Neufunk	1970	Pacific	2135
New Tech	1979	Packard Bell	2138
New World	1980	Pael	2140
Newave	1981	Palladium	2145
Nicamagic	1994	Palsonic	2147
Nikkai	1998	Panama	2149
Nikkei	1999	Panasonic	2153
Nikko	2000	Panavision	2154
Nintaus	2006	Panda	2155
Niveus Media	2012	Pathe Cinema	2168
Noblex	2013	Pathe Marconi	2169
Nobliko	2014	Pausa	2171
Nogamatic	2016	Peng Sheng	2181
Nokia	2017	Penney	2182
Norcent	2020	Perdio	2185
Nordic	2021	Perfekt	2186
Nordmende	2022	Petters	2189
Normerel	2024	Philco	2192
Northgate	2027	Philharmonic	2194
Norwood Micro	2029	Philips	2195
Novatronic	2035	Phocus	2198
NTC	2045	Phoenix	2199

Phonola	2201	Rank Arena	2346
Phonotrend	2202	RBM	2350
Pilot	2207	RCA	2351
Pioneer	2212	Realistic	2354
Pionier	2213	Recco	2358
Plantron	2219	Recor	2359
Playsonic	2224	Rectiligne	2362
Polaroid	2230	Rediffusion	2364
Poppy	2236	Redstar	2366
Portland	2238	Reflex	2368
Powerpoint	2241	Relisys	2374
Precision	2244	Remotec	2377
Premier	2248	Reoc	2379
President	2250	Revox	2383
Prima	2253	Rex	2385
Princeton	2258	RFT	2386
Prinston	2259	Rhapsody	2387
Prinz	2260	Ricavision	2388
Prism	2261	Rinex	2392
Profex	2269	Roadstar	2398
Profilo	2272	Robotron	2401
Profitronic	2273	Rolson	2410
Proline	2274	Rowa	2416
Promax	2275	Royal Lux	2420
Proscan	2279	Runco	2423
Proscoc	2280	Saba	2429
Prosonic	2282	Sagem	2434
Protech	2284	Saisho	2437
Proton	2288	Saivod	2439
Protron	2289	Salora	2443
Proview	2290	Sambers	2445
ProVision	2291	Sampo	2446
Pulsar	2296	Samsung	2448
Pye	2302	Samsux	2449
Pymi	2304	Sandra	2454
Qingdao	2308	Sansui	2458
Quasar	2320	Sanyo	2462
Quelle	2322	Sanyuan	2464
Questa	2324	SBR	2492
R-Line	2327	Sceptre	2498
Radialva	2329	Schaub Lorenz	2500
Radiola	2330	Schneider	2501
Radiomarelli	2331	Scimitsu	2505
Radionette	2332	Scotch	2506
RadioShack	2333	Scott	2508
Radiotone	2334	Sears	2514
Rank	2345	Seaway	2515

Seelver	2520	Sonneclair	2673
SEG	2522	Sonoko	2675
SEI	2524	Sonolor	2676
Sei-Sinudyne	2525	Sontec	2677
Seleco	2528	Sony	2679
Semivox	2529	Sound & Vision	2680
Semp	2530	Soundesign	2684
Sencora	2531	Soundwave	2689
Sentra	2534	Sova	2690
Serie Dorada	2538	Sowa	2691
Serino	2539	Soyea	2692
Shanghai	2547	Soyo	2693
Shaofeng	2549	Spectroniq	2701
Sharp	2550	Squareview	2703
Shencai	2553	SSS	2708
Sheng Chia	2554	Stack 9	2710
Shenyang	2555	Standard	2713
Sherwood	2557	Starlite	2728
Shintoshi	2564	Stenway	2739
Shivaki	2567	Stern	2741
Shogun	2568	Strato	2745
Shorai	2569	Strong	2748
Siam	2572	Studio Experience	2750
Siarem	2573	Stylandia	2752
Siemens	2574	SunBrite	2759
Siera	2576	Sunkai	2762
Siesta	2577	Sunny	2764
Signature	2582	Sunstar	2768
Silva	2591	Sunwood	2772
Silva Schneider	2592	Superla	2782
Silver	2594	Superscan	2786
SilverCrest	2595	Supersonic	2787
Simpson	2598	SuperTech	2789
Singer	2599	Supervision	2791
Sinotec	2600	Supra	2792
Sinudyne	2601	Supre-Macy	2794
Skantic	2605	Supreme	2795
SKY	2610	Susumu	2797
Skysonic	2627	Sutron	2798
Skyworth	2631	SVA	2800
SLX	2638	Svasa	2801
Sogera	2649	Swisstec	2806
Solavox	2654	Sydney	2808
Sole	2655	Sylvania	2809
Sonawa	2663	Symphonic	2810
Soniko	2669	Synco	2811
Sonitron	2671	Syntax	2814

Sysline	2815	Tennessee	2952
Systemax	2817	Tensai	2954
Sytong	2820	Tenson	2955
Tacico	2823	Tevion	2962
Tactus	2825	Texet	2963
Tagar Systems	2831	Thomas	2971
Taishan	2835	Thomson	2972
Talent	2838	Thorn	2974
Tandberg	2842	TMK	2994
Tandy	2843	TML	2995
Tashiko	2850	TNCi	2996
Tatung	2852	Tobo	2999
TCL	2856	Tokai	3001
TCM	2857	Tokaido	3002
Teac	2860	Tokyo	3004
Tec	2861	Tomashi	3006
Tech Line	2863	Topline	3016
Techica	2865	Toshiba	3021
Technema	2866	Totevision	3024
Technica	2868	Touch	3025
Technics	2869	Towada	3028
Technika	2870	Toyoda	3030
TechniSat	2873	Trakton	3036
Technisson	2874	Trans Continens	3037
Technol Ace	2875	TRANS-continents	3039
Technosonic	2878	Transonic	3041
Techview	2883	Transtec	3042
Techwood	2884	Triad	3049
Tecnimagen	2885	Trident	3054
Teco	2886	Tristar	3057
Tedelex	2889	Triumph	3058
Tek	2892	TVS	3081
Teknika	2895	TVTEXT 95	3082
Teleavia	2901	Uher	3089
Telecor	2910	Ultra	3093
Telefunken	2914	Ultravox	3095
Telefusion	2915	Unic Line	3100
Telegazi	2917	United	3106
Telemeister	2924	Universal	3113
Telesonic	2930	Universum	3115
Telestar	2931	Univox	3116
Teletech	2934	US Logic	3124
Teleton	2935	Vector Research	3137
Televideon	2938	Venturer	3143
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Televiso	2941	Vestel	3148
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