

## 2-7. 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 Mute button (or Power) pressed 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 AV button pressed 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 / Ultimo / **SOLO SE / DUO2**

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 (Optional)	STB Record	-
44	Stop	STB Stop	-

\* 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
Bang & Olufsen	0314
Barco	0319
Basic Line	0325
Bastide	0327
Baur	0331
Baysonic	0333
Bazin	0335
Beaumark	0340
Beijing	0345
Beko	0346
Belcor	0348
Bell & Howell	0350
Belson	0355
Belstar	0357
BenQ	0359
Beon	0361
Berthen	0363
Best	0364
Bestar	0368
Bestar-Daewoo	0369
Binatone	0378
Black Diamond	0384
Black Star	0386
Blackway	0388
Blaupunkt	0390
Blue Sky	0395
Blue Star	0396
Boca	0399
Bondstec	0403
Boots	0405
BPL	0413
Bradford	0414
Brandt	0416
Brilliant	0422
Brinkmann	0423
Brionvega	0424
Britannia	0425
Brockwood	0430
Broksonic	0432
Bruns	0435
BskyB	0436
BSR	0437
BTC	0439
Bush	0445
Byd:sign	0448

C-Tech	0449
Caihong	0462
Caishi	0465
Candle	0480
Capsonic	0486
Carad	0488
Carena	0489
Carnivale	0491
Carrefour	0492
Carver	0494
Cascade	0496
Casio	0499
Cathay	0501
CCE	0504
Celebrity	0509
Celera	0510
Celestial	0511
Centrex	0516
Centrum	0519
Centurion	0520
Century	0521
CGE	0523
Changcheng	0526
Changfei	0527
Changfeng	0528
Changhai	0529
Changhong	0530
Chun Yun	0545
Chunfeng	0546
Chung Hsin	0547
Chunsun	0549
Cimline	0552
Cinex	0563
Citizen	0567
City	0569
Clarion	0575
Clarivox	0576
Clatronic	0581
Clayton	0582
CMS	0590
CMS Hightec	0591
Coby	0597
Commercial Solutions	0615
Concerto	0625
Concorde	0626
Condor	0627
Conia	0628

Conrowa	0634
Contec	0635
Continental Edison	0637
Cosmel	0647
Craig	0650
Crosley	0655
Crown	0658
CS Electronics	0663
CTC	0664
CTX	0665
Curtis	0666
Curtis Mathes	0667
CXC	0670
CyberPower	0674
Cybertron	0675
Cytron	0680
D-Vision	0684
Daewoo	0692
Dainichi	0694
Dansai	0699
Dantax	0702
Datsura	0703
Dawa	0707
Daytron	0710
De Graaf	0716
DEC	0717
Decca	0718
Deitron	0722
Dell	0725
Denon	0731
Denver	0733
Desmet	0738
Diamant	0746
Diamond	0747
Diamond Vision	0748
Dick Smith Electronics	0750
Digatron	0751
Digihome	0758
Digiline	0759
Digital Life	0772
Digitex	0780
Digitor	0781
DirecTV	0794
Dixi	0807
DL	0810
Domeos	0817
Dongda	0820

Donghai	0821
Drean	0832
DSE	0833
DTS	0837
Dual	0838
Dumont	0840
Durabrand	0842
Dux	0843
DVX	0847
Dwin	0848
DX Antenna	0849
Dynatron	0855
Easy Living	0860
Ecco	0864
ECE	0865
Elbe	0880
Elcit	0883
Electroband	0888
Electrograph	0889
Electrohome	0890
Elektra	0896
Elfunk	0899
ELG	0900
Elin	0902
Elite	0903
Elman	0907
Elta	0910
Emerson	0917
Emperor	0921
Emprex	0922
Envision	0933
Enzer	0934
Epson	0937
Erres	0942
ESA	0943
ESC	0945
Etron	0949
Eurofeel	0954
EuroLine	0955
Euroman	0956
Europa	0957
Europhon	0959
Evesham	0972
Evolution	0973
Excello	0975
Expert	0976
Exquisit	0978

Feilang	0990
Feilu	0991
Feiyue	0993
Fenner	0994
Ferguson	0996
Fidelity	0998
Filsai	1000
Finlandia	1003
Finlux	1004
Firstline	1008
Fisher	1009
Flint	1014
FNR	1016
Formenti	1023
Formenti-Phoenix	1024
Fortress	1027
Fraba	1030
Friac	1040
Frontech	1042
Fujitsu	1052
Fujitsu General	1053
Fujitsu Siemens	1054
Funai	1056
Furichi	1058
Futronic	1061
Futuretech	1064
Galaxi	1068
Galaxis	1069
Gateway	1076
GBC	1078
GE	1081
Geant Casino	1082
GEC	1083
Geloso	1087
General Technic	1095
Genesis	1096
Genexxa	1097
Giant	1113
Gibraltar	1114
Go Video	1126
Goldfunk	1135
GoldHand	1136
Goldline	1138
GoldStar	1140
Goodmans	1142
Gorenje	1144

GP	1147
GPM	1149
GPX	1150
Gradiente	1151
Graetz	1152
Granada	1154
Grandin	1156
Gronic	1160
Grundig	1162
Grunkel	1164
Grunpy	1165
Haaz	1172
Haier	1175
Haihong	1176
Halifax	1179
Hallmark	1180
Hampton	1183
Hankook	1188
Hannspree	1189
Hanseatic	1190
Hantarex	1192
Hantor	1193
Harley Davidson	1197
Harman/Kardon	1198
Harvard	1202
Harwa	1203
Harwood	1204
Hauppauge	1206
Havermy	1208
HCM	1210
Helios	1219
Hello Kitty	1221
Hema	1222
Hemmermann	1223
Hewlett Packard	1229
Hifivox	1233
Higashi	1234
Highline	1236
Hikona	1237
Hinari	1243
Hisawa	1247
Hisense	1249
Hitachi	1251
Hitachi Fujian	1252
Hitec	1253
Hitsu	1257
Hoehher	1262

Hongmei	1272	ITT	1406
Hornlyphon	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
Motorola	1878
MTC	1889
MTEC	1890
MTlogic	1892
Mudan	1896
Multistandard	1904
Multitec	1906
Multitech	1907
Murphy	1911
Musikland	1915
Myryad	1922
NAD	1926
Naiko	1930
Nakimura	1933
Naonis	1936
NAT	1941
National	1942
NEC	1950
Neckermann	1951
NEI	1952
Nesco	1960
Netsat	1966
NetTV	1967
Network	1968
Neufunk	1970
New Tech	1979
New World	1980
Newave	1981
Nicamagic	1994
Nikkai	1998
Nikkei	1999
Nikko	2000
Nintaus	2006
Niveus Media	2012
Noblex	2013
Noblisko	2014
Nogamatic	2016
Nokia	2017
Norcent	2020
Nordic	2021
Nordmende	2022
Normerel	2024
Northgate	2027
Norwood Micro	2029
Novatronic	2035
NTC	2045
Nu-Tec	2048
NuVision	2053
Oceanic	2061
Okano	2065
Olevia	2067
Omni	2074
Onida	2081
Onimax	2082
Onwa	2087
Opera	2090
Oppo	2092
Optimus	2095
Optoma	2097
Optonica	2099
Orbit	2103
Orion	2111
Orline	2113
Ormond	2114
Orsowe	2116
Osaki	2118
Osio	2121
Oso	2122
Osume	2123
Otic	2125
Otto Versand	2126
Pacific	2135
Packard Bell	2138
Pael	2140
Palladium	2145
Palsonic	2147
Panama	2149
Panasonic	2153
Panavision	2154
Panda	2155
Pathe Cinema	2168
Pathe Marconi	2169
Pausa	2171
Peng Sheng	2181
Penney	2182
Perdio	2185
Perfekt	2186
Petters	2189
Philco	2192
Philharmonic	2194
Philips	2195
Phocus	2198
Phoenix	2199

Phonola	2201
Phonotrend	2202
Pilot	2207
Pioneer	2212
Pionier	2213
Plantron	2219
Playsonic	2224
Polaroid	2230
Poppy	2236
Portland	2238
Powerpoint	2241
Precision	2244
Premier	2248
President	2250
Prima	2253
Princeton	2258
Prinston	2259
Prinz	2260
Prism	2261
Profex	2269
Profilo	2272
Profitronic	2273
Proline	2274
Promax	2275
Proscan	2279
Proscoc	2280
Prosonic	2282
Protech	2284
Proton	2288
Protron	2289
Proview	2290
ProVision	2291
Pulsar	2296
Pye	2302
Pymi	2304
Qingdao	2308
Quasar	2320
Quelle	2322
Questa	2324
R-Line	2327
Radialva	2329
Radiola	2330
Radiomarelli	2331
Radionette	2332
RadioShack	2333
Radiotone	2334
Rank	2345

Rank Arena	2346
RBM	2350
RCA	2351
Realistic	2354
Recco	2358
Recor	2359
Rectiligne	2362
Rediffusion	2364
Redstar	2366
Reflex	2368
Relisys	2374
Remotec	2377
Reoc	2379
Revox	2383
Rex	2385
RFT	2386
Rhapsody	2387
Ricavision	2388
Rinex	2392
Roadstar	2398
Robotron	2401
Rolson	2410
Rowa	2416
Royal Lux	2420
Runco	2423
Saba	2429
Sagem	2434
Saisho	2437
Saivod	2439
Salora	2443
Sambers	2445
Sampo	2446
Samsung	2448
Samsux	2449
Sandra	2454
Sansui	2458
Sanyo	2462
Sanyuan	2464
SBR	2492
Sceptre	2498
Schaub Lorenz	2500
Schneider	2501
Scimitsu	2505
Scotch	2506
Scott	2508
Sears	2514
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
Systemax	2817
Sytong	2820
Tacico	2823
Tactus	2825
Tagar Systems	2831
Taishan	2835
Talent	2838
Tandberg	2842
Tandy	2843
Tashiko	2850
Tatung	2852
TCL	2856
TCM	2857
Teac	2860
Tec	2861
Tech Line	2863
Techica	2865
Technema	2866
Technica	2868
Technics	2869
Technika	2870
TechniSat	2873
Technisson	2874
Technol Ace	2875
Technosonic	2878
Techview	2883
Techwood	2884
Tecnimagen	2885
Teco	2886
Tedelex	2889
Tek	2892
Teknika	2895
Teleavia	2901
Telecor	2910
Telefunken	2914
Telefusion	2915
Telegazi	2917
Telemeister	2924
Telesonic	2930
Telestar	2931
Teletech	2934
Teleton	2935
Televideon	2938
Television	2939
Televiso	2941
Temco	2946

Tennessee	2952
Tensai	2954
Tenson	2955
Tevion	2962
Texet	2963
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