

# AT3400 AllTouch Remote Control User Guide



The AT3400 AllTouch remote control has been programmed to control your Cisco® set-top box and can be programmed to control your TV.

## Before You Begin

Be sure that your television power cord and your Cisco set-top box are not plugged into the same wall outlet.

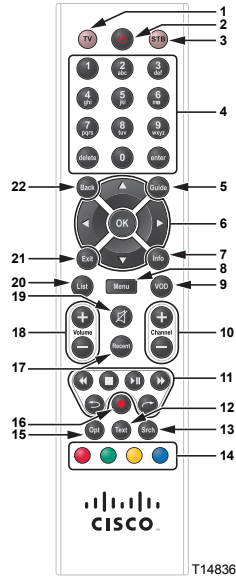
## Install Batteries

The remote requires two alkaline AAA batteries. A diagram inside the battery compartment of the remote indicates proper placement of the batteries.

## Know Your Remote

The diagram below describes each key on your remote control. Functions may vary between different services.

Refer to the user guide for your set-top for descriptions of specific functions.



- 1 Select TV operating keys
- 2 Turns the currently selected device on and off
- 3 Select set-top box operating keys
- 4 Allow direct access to specific channels or menu items
- 5 View the EPG
- 6 Navigate through on-screen menus
- 7 View more info
- 8 Display the menu
- 9 View VOD programs
- 10 Change the channel up and down
- 11 Control the recorded program
- 12 In TV Mode only: Text = Teletext On
- 13 In TV Mode only: Srch = Teletext Off
- 14 Make on-screen selections
- 15 In TV Mode only: Opt = AV Control
- 16 Record the selected program
- 17 Go to most recently viewed channel
- 18 Increase or decrease the volume
- 19 Mute the volume
- 20 View list of recorded programs
- 21 Return to TV program
- 22 Go back to the previous screen

## Programming the AT3400 Manually

Use the steps below to program your AT3400 manually. Find your manufacturer in the list of **TV Setup Codes** and begin with the first code listed. If that code does not work, repeat these steps with the next code listed. Or you can scan for a code using the steps in *Scanning for Codes*.

1. Hold the **TV** key until both device keys begin to flash. Then release the **TV** key.
2. Enter the four-digit code for your TV model. After you press the first digit, the TV key should light up and remain on. After you press the last digit, the TV key flashes three times.
3. Test the remote control to make sure that it controls the TV. If the functions do not work, try the next code listed.

If none of the codes for your TV work, try the steps in *Scanning for Codes*.

## Scanning for Codes to Program the TV

The AT3400 can scan all the codes for your TV and find the best match. Use the steps below or see the steps in *Programming the AT3400 Manually*.

1. Make sure that your TV is powered on.
2. Hold the **TV** key until both device keys on the remote control begin to flash. Then release the **TV** key.
3. Press the **Power** key. The TV key stops flashing and remains on.
4. Point the remote control at your TV.
5. Hold the **▲** key until your TV turns off.
6. When the TV turns off, you have found a possible code. Press the **Power** key to turn your TV back on. Test the remote control. If the functions do not work, make sure the device is still powered on. Then go back to step 5 to continue scanning.
7. When you find a code, make sure that the TV is powered on, then press the **OK** key to lock the code. The TV key flashes three times. Go to *Recalling a Device Code* to find out your code and record in the spaces provided.

## Programming Volume Control

By default, your volume buttons operate the TV instead of the set-top box. Follow these steps if you want to control volume through the set-top box:

1. Hold the **STB** key until both device keys begin to flash. Then release the **STB** key.
2. Press the **Volume +** key. The STB key stops flashing and remains on.
3. Press the **Volume -** key. The STB key turns off while you press Volume - and turns on again when you release Volume -.
4. Press the **STB** key. The STB key flashes three times.

If you want to revert to the original settings:

1. Hold the **STB** key until both device keys start to flash. Then release the **STB** key.
2. Press the **Volume +** key. The STB key stops flashing and remains on.
3. Press the **Volume -** key, then press the **OK** key. After you release the OK key, the STB device key flashes three times and then turns off.

4. Press the **TV** key. The TV key flashes three times.

## Adjusting the Channel Lock

By default, your channel buttons always operate the set-top box instead of the TV. If you want the channel buttons to operate the TV instead, follow these steps:

1. Press the **STB** key until both device keys start to flash. Then release the **STB** key.
2. Press the **Channel +** key, then press and release the **Channel -** key.
3. Press the **OK** key. The STB key flashes three times.
4. Repeat these steps if you want to revert to the original settings.

## Turning Off Master Power

By default, your Power button controls both the TV and the set-top box. Follow these steps if you only want it to control the set-top box.

1. Hold the **STB** key until both device keys begin to flash.
2. Press and release the **Power** key, then the **STB** mode key, then the **Power** key again. The STB key flashes three times.

Follow these steps if you want to revert to the original settings.

1. Hold the **STB** key until both device keys begin to flash.
2. Press and release the **Power** key, then the **STB** mode key, then the **TV** mode key, then the **Power** key again. The STB key flashes three times.

## Recalling a TV Code

Follow these steps if you need to know your TV code.

1. Hold the **TV** key until both device keys begin to flash. Then release the **TV** key.
2. Press the **OK** key. The TV key flashes each of the four digits in the code, separated by pauses. A rapid flicker represents zero. So a code of 1032 will be shown as:  
FLASH <pause> FLICKER <pause>  
FLASH... FLASH... FLASH... <pause>  
FLASH... FLASH

Write your code in the spaces below:

— — — — —

## Handling Disposable Batteries

This product may contain disposable batteries. Heed the following warning and Battery Safety and Battery Disposal instructions.

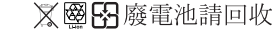
**⚠ WARNING:** There is danger of explosion if the battery is mishandled or incorrectly replaced. Replace only with the same type of battery. Do not disassemble it or attempt to recharge it outside the system. Do not crush, puncture, dispose of in fire, short the external contacts, or expose to water or other liquids. Dispose of the battery in accordance with local regulations and instructions from your service provider.

## Battery Safety

- Insert batteries correctly. There may be a risk of explosion if the batteries are incorrectly inserted.
- Do not attempt to recharge 'disposable' or 'non-reusable' batteries.
- Please follow instructions provided for charging 'rechargeable' batteries.
- Replace batteries with the same or equivalent type that we recommend.
- Do not expose batteries to excessive heat (such as sunlight or fire).
- Do not expose batteries to temperatures above 100°C (212°F).

## Battery Disposal

- The batteries may contain substances that could be harmful to the environment.
- Recycle or dispose of batteries in accordance with the battery manufacturer's instructions and local/national disposal and recycling regulations.



- The batteries may contain perchlorate, a known hazardous substance, so special handling and disposal of this product might be necessary. For more information about perchlorate and best management practices for perchlorate-containing substance, see [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)

This product conforms to the following European directives:

- CE -2006/95/EC
- CE -2004/108/EC

## TV Setup Codes

Default code: Philips TV Code	6896
A.R.SYSTEMS	8644, 7213, 6896, 5090, 7014
ACCENT	7647, 8644, 6896, 3637
ACER	3857
ACTION	4523, 5510, 3637, 4648
ADCOM	4884
ADL	7855
ADMIRAL	3193, 2438, 5553, 5605, 3488, 3637, 4648
ADVENTURA	5874
ADVENTURY	5874
ADYSON	4469, 4523, 4648
AEA	8644, 6896
AEG	5952, 6305, 5319
AGASHI	4469, 3488
AGB	8568
AIKO	7647, 8644, 6896, 4469, 4530, 6482, 5739, 3350, 3518, 3488, 3637
AIM	8644, 6764, 6896, 3036, 7910, 8435, 8484
AIWA	5448, 7733, 6736
AKAI	3350, 7910, 4530, 3011, 8644, 5739, 6669, 3518, 6482, 7647, 3036, 4016, 2429, 8060, 5605, 8568, 6381, 2810, 6896, 4783, 8020, 8394, 4469, 3488, 5393, 2796, 6305, 3840, 7733, 4659, 3451, 5905, 4925, 4523, 3802, 3637, 5874, 4648
AKASHI	7314, 7647
AKIBA	4016, 5896, 7014, 8644, 6896
AKIRA	5553
AKITO	8644, 6896
AKURA	8644, 6896, 5355, 6764, 7647, 4016, 5896, 3488, 8060, 7066, 3637, 4648
ALARON	4469
ALBA	8644, 3840, 6896, 8060, 7647, 5553, 7287, 4530, 5355, 7384, 4016, 4469, 5531, 5605, 6230, 6812, 7733, 5119, 4925, 3637, 4648
ALFA	4648
ALKOS	6482
ALLSTAR	8644, 6896, 4648
ALL-TEL	4677
AMERICAN HIGH	5510
AMERICANA	5510
AMPLIVISION	7287
AMSTRAD	7647, 8568, 3488, 4530, 4016, 8644, 6896, 5739, 6764, 8377, 3840, 3451, 7066, 3637
ANAM	8644, 6896, 7647, 4526
ANAMNATIONAL	8644, 6896, 4526

ANDERSSON	5319, 7660
ANGLO	7647, 3488, 3637
ANITECH	7647, 3488, 8644, 6896, 5896, 4523, 3637, 4648
ANSONIC	7287, 8644, 6896, 7647, 5355, 5090, 5605, 2620, 5531, 4917, 3637
AOC	4523, 4648
APOLLO	4659
ARCAM	4469
ARCENCIEL	7430
ARDEEM	2590, 8060, 8644, 5613, 6896
ARISTONA	6896, 8644, 4648
ART TECH	4648
ARTHURMARTIN	5605
ASA	4819, 6092, 4265
ASBERG	8644, 6896, 4648
ASORA	7647, 3637
ASTRA	8644, 6896, 3637
ASUKA	4016, 4469, 3488, 5896
ATD	2924
ATLANTIC	8644, 6896, 4469, 4648
ATORI	7647, 3637
ATORO	3637
AUCHAN	5605
AUDIOSONIC	7647, 8644, 5090, 8033, 6896, 7430, 8060, 6381, 7287, 3488, 4016, 2590
AUDIOSONIC	3637, 4648
AUDIOTON	2590, 7287, 3488, 3637
AUDIOVOX	4648
AUDIOWORLD	2924
AUTOVOX	5531
AVP	7733
AWA	7507, 6812, 7647, 5090, 6764, 8644, 6896, 4469, 6305, 5620, 3488, 4698, 3637
AXXENT	7647
AXXON	8060
B&D	7855
BAIRD	7430, 6127, 6982, 5301, 7910, 3453
BARCO	5605
BASIC LINE	3637, 4648, 5090, 8644, 5605, 5355, 6896, 7647, 4016, 5896, 7014, 6559, 3840
BAUER	8484, 7647
BAUR	7647, 6640, 5265, 3835, 8644, 6896, 3518, 3350, 6736, 3637, 5874, 4648
BEAUMARK	5393
HISAWA	5896, 4016, 7014, 2696, 7733, 8060
HITENSE	6685, 7910
HITACHI	3952, 6069, 4889, 6812, 6896, 7430, 2438, 4783, 5620, 4659, 5605, 6982, 6619, 5295, 7040, 5393, 8568, 6972, 4874, 8644, 6286, 4819, 6753, 4737, 3350, 3835, 8020, 3840, 8374, 7660, 3802, 5874, 4648
HITACHIFUJIAN	5620, 3952
HITSU	7647, 2696, 7014, 4016
HMV	6127
HOHER	8060, 5952, 4677
HOMEELECTRONICS	6305
HORIZONT	4648
HORNYPHON	8644, 6896, 4648
HOSHAI	4016, 7014, 5896
HUANYU	5090, 4469
HUGOSON	3094, 7855
HYGASHI	4469
HYPER	7647, 4469, 5531, 3637, 4648
HYPERSONIC	3350
HYPSON	8644, 6896, 8060, 6381, 3488, 5896, 7014, 7733, 3840, 5355, 2590, 3637, 4648
HYUNDAI	8644, 4677, 6896, 8435, 7314, 3036, 3620, 5952
IBERIA	8644, 6896
ICE	3488, 8644, 4530, 7647, 6896, 4016, 4469, 3637, 4648
ICTES	4016, 4469
IGT	8644, 6286, 6896
IISONIC	4698
IYAMA	7855, 3094
IIA	4523, 3802, 5874
IMPERIAL	8644, 5605, 7287, 4752, 6634, 6896, 2620, 3350, 5553, 5531, 4648
INDIANA	8644, 6896, 4648
INFINITY	4648
INFOCUS	3251
INGELEN	6230, 2696, 8060, 5605, 3350
INGERSOLL	7647, 3637
INNOHIT	7647, 8644, 6896, 4016, 3637, 4648, 5896, 5319, 8568, 5531
INNOVATION	7350, 8644, 6896
INNOWERT	4677, 3191
INOTECH	2335, 8033
INTERACTIVE	8644, 6896, 3835, 7839, 5605, 3350, 7287, 7430, 2620

BEC	4648
BECESE	4523, 3802, 5874, 4648
BEKO	8060, 6482, 2590, 7287, 8644, 5553, 3840, 6896, 6305, 6381, 7361, 4648
BELL & HOWELL	4648
BELSON	4156, 4706
BENCHMARK-BEAUMARK	4523, 5510, 3637, 4648
BENNETT	6896, 8644
BENQ	8016
BEON	8644, 6896, 5553, 4648
BERTHEN	5355
BEST	7287
BESTAR	8644, 6896, 7287, 5090, 4648
BESTAR-DAEWOO	5090
BIGSTON	3637
BLACKDIAMOND	5319, 8033, 3840, 6896, 7837, 3036
BLACKSTAR	5531
BLACKSTRIP	6482, 3802, 5510
BLACKWAY	5896, 4016
BLAUPUNKT	3518, 6640, 5265, 6538, 7839, 5186, 7014, 4849, 6812
BLUESKY	8644, 8060, 3840, 6230, 5355, 6381, 2499, 6896, 4016, 5896, 7014, 7733, 4156, 7361, 6685, 4648
BLUESTAR	5896
BONDSTEC	5531
BOOTS	7647
BOSCH	7839
BPL	8644, 6896, 5896
BRANDT	4884, 7430, 4422, 3270, 6982, 3847
BRANDT ELECTRONIQUE	4422, 3270
BRENDSTAR	3637
BRINKMANN	8644, 6896, 5355, 7350, 5553, 2590
BRIONVEGA	8644, 6896, 8377, 4648
BRIORRYEGA	4648
BRITANNIA	4469
BROCKWOOD	4523, 3802, 5874
BROKSONIC	4523, 3802, 5874
BROTHER	3488
BRUNS	2590
BSR	5605, 3350
BTC	4016
BUSH	5355, 4016, 5605, 7647, 6812, 8644, 4530, 5896, 7384, 2438, 5090, 7350, 3488, 3350, 3840, 6230, 7910, 5952, 5905, 2924, 6896, 8060, 5832, 7733, 5453, 3802, 4648

CAMPLE	4523, 3802, 5874
CANDLE	4523
CANTON	4016
CAPEHART	4523, 3802, 4648
CAPSONIC	3488
CARAD	2696, 8644, 6896, 5355, 3840
CARENA	7014, 8644, 6896
CARREFOUR	6812, 4265, 8644, 6896, 4648
CARVER	4849, 4648
CASCADE	7647, 8644, 6896
CASIO	8644, 6896, 5605, 4648
CATHAY	8644, 6896
CCE	8644, 6896
CELESTIAL	6498, 8033, 7837
CENTREX	7046, 5397
CENTRUM	3840
CENTURION	8644, 6896, 4648
CENTURY	5531
CGE	4752, 6634, 5553, 5531, 7287, 5605, 3637
CGM	3637
CGI	3637
CIHAN	4648
CIMLINE	7647, 4016, 3637
CINEX	3451, 5952
CIRCUIT CITY	4523, 3802, 5874
CITIZEN	4523, 5510, 4648
CITY	7647, 3637
CLARIVOX	5553, 8644, 6896, 4265
CLATRONIC	8644, 7287, 4530, 8060, 4016, 3488, 6896, 5531, 7647, 3451, 6305, 5319, 3637
CLAYTON	3840
CMS	4469
COBOLT	5397
COLORTYME	5510, 4648
COMBITECH	7733
COMPUTRON	3637
CONCORDE	7647, 3637
CONDOR	8644, 6896, 7287, 4469, 7647, 5896, 5531, 5553, 2620, 5605, 3488, 3637, 4648
CONIA	3491, 7837, 4706, 8033
CONIC	4523, 3802, 4648
CONRAC	7361
CONRAD	8644, 6896
CONTEC	4469, 7647, 7507, 6812, 3488, 8644, 6896, 3802, 3637
CONTINENTALEDISON	7430, 4422, 6230

CORONADO	4523
COSMEL	7647, 8644, 6896, 3637
CRAIG	4648
CROSLEY	5531, 4752, 6634, 5605, 3802, 5874, 4648
CROWN	7647, 5716, 7287, 2590, 8644, 6896, 6230, 8060, 6305, 6381, 5553, 7910, 4638, 6559, 3840, 4523, 3637, 4648
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CSELECTRONICS	4469, 4016, 5531
CTC	5531
CTX	8016
CURTIS MATHES	4523, 3802, 5510, 4648, 3193
CYBERTRON	4016, 3802
CYTRONIX	3191
DAEWOO	5295, 5090, 2499, 4874, 3876, 8644, 68



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INTERBUY	7647, 8644, 3488, 5531, 3835, 6896, 3637	KBARISTOCRAT	5605	LEYCO	3488, 8644, 6896, 4648	MORGAN'S	8644, 6896	MOTOROLA	3193, 4648	NORDMENDE	7430, 8060, 5397, 4422, 6896, 3270, 5605, 5905, 3847, 6982, 5265, 8644, 4648	PALSONIC	3488, 6764, 8644, 2796, 4709, 5553, 5453, 3453, 4016, 2924, 6896, 2335	PANAMA	7647, 3488, 4469, 8644, 6896, 5531, 3637	PROELCO	3640
INTERDISCOUNT	4648	KENDO	2696, 8644, 6896, 5605, 7350, 3835, 7287, 2796, 2438, 2620, 5531, 8377, 3451, 3840, 4917, 2590, 3637, 4648	LG	8644, 5393, 7287, 7647, 7430, 2924, 6381, 8265, 2796, 5447, 4709, 6896, 4156, 6944, 4312, 5531, 8060, 4469, 5605, 6305, 3350	MATSUSHITA	4526	MTC	7287, 3835, 5605, 4469, 3350, 4523, 5510	NORFOLK	5605	PANASHIBA	4709, 3637	PANASONIC	4526, 5620, 3001, 3350, 5605, 4783, 7605, 4709, 2410, 8568, 8644, 6896, 8360, 5393, 4648	PROFITRONIC	8644, 6896, 4648
INTERFUNK	8644, 6896, 3835, 7839, 5605, 3350, 7287, 7430, 5531, 6538, 4648	KENDWOOD	4523	LIESENKOTTER	7839, 8644, 6896, 4648, 8644, 7839, 5186, 6896	MATSUVIAMA	8299	MTLOGIC	8060, 6948	NORMEREL	8644, 6896	PANASHIBA	4709, 3637	PANASONIC	4526, 5620, 3001, 3350, 5605, 4783, 7605, 4709, 2410, 8568, 8644, 6896, 8360, 5393, 4648	PROSCAN	5510
INTERNAL	8644, 6896, 4874, 5090, 2499	KENNEY	5605, 3444	LIFE	3637	MAVA	4523	MULTIBROADCAST	6127	NOVABEAM	4648	PANASONIC	4709, 3637	PROSONIC	8644, 6896, 7287, 5090, 4530, 5355, 8060, 4469	PROTEC	3637, 4648
INTERNATIONAL	4469	KENWOOD	4819	LIFETEC	8644, 7647, 7350, 5090, 5355, 3835, 3840, 6286, 6896, 4016, 3488, 4596, 8060, 3637, 4648	MAX_MULTI	4648	MURPHY	2335	NOVATRONIC	8644, 4819, 5090, 6896, 3637, 4648	PANAVISION	8644, 2620, 6896	PROTECH	8644, 6896, 7647, 5531, 3488, 5553, 5355, 5896, 5605, 2590, 3840	PROTON	5393, 4523, 3637
INTERVISION	5896, 7014, 8644, 4530, 2796, 7350, 2590, 7287, 3488, 5531, 7647, 6896, 3158, 6230, 4016, 5605	KINGSLEY	4469	LLOYD	4523, 3802, 3637, 5874	MAX_TIP1	3637	MUSICLAND	8644, 4016, 5531, 6896	OCCEANIC	5605, 3350, 7910, 4659, 4783, 8020	PANAVOX	3637	PROVISION	4874, 8644, 6896, 3840, 8060	PULSER	4523, 5510, 3637, 4648, 4156
IRRADIO	7647, 8644, 6896, 4016, 5531, 4530, 3637, 4648	KIOTA	4709, 3637	LLOYD'S	4709, 7647	MAX_TIP4	4648	MYRYAD	6896, 8644	ODEON	3488	PAPOUW	8644, 6896	PROTECH	8644, 6896, 7647, 5531, 3488, 5553, 5355, 5896, 5605, 2590, 3840	PYME	7647, 3637
IST	4648	KITON	6896, 8644, 5355	LODOS	3840, 7660	MEDIA	8644, 6896, 4648	MCE	7647, 3637	OKANO	7287, 8644, 6896, 3488, 7647, 3637	PATHECINEMA	5605, 4469, 7287	PROVISION	4874, 8644, 6896, 3840, 8060	PYE	8644, 6896, 5090, 6764, 4648
ISUKAI	4016, 8644, 6896, 5896, 7014, 4648	KLH	4523, 3802, 5874	LOEWE	3835, 5613, 7337, 8644, 6896, 7287, 8377, 8568, 4648	MEDIATOR	8644, 8060, 7361, 7350, 2924, 7733, 3840, 4917, 5355, 6896, 3835, 6286, 5832, 4596, 3118, 3730	MEDIA	8644, 6896, 4648	OLIDATA	4698	PATHEMARCONI	7430	PROVISION	4874, 8644, 6896, 3840, 8060	QTY1	4648
ITL	3637	KLOSS	5510	LOGIX	5355, 7350	MEDION	3118, 3730	MEI	3840, 8644, 6896	OLYMPIC	3637	PAUSA	7647, 3637	QUASAR	5531, 4526, 4677, 7647, 6634, 5186, 4265, 4819	QY1	4648
ITS	8644, 4530, 4016, 5896, 3488, 4469, 7647, 6896, 3637	KNEISSEL	8644, 7287, 2696, 2620, 5090, 4874, 6896, 3444, 8377, 7733	LOGIX	5355, 7350	MELELECTRONIC	6092, 8644, 3835, 7430, 2620, 5605, 4422, 6896, 6982, 5531, 4819, 5090, 5295, 3350, 3518, 5265, 7647, 8020, 6753, 4469, 3876, 8060	MEGAS	2696	OMEGA	3488	PCE/PEC	4523, 3802, 5510	QUASAR	5531, 4526, 4677, 7647, 6634, 5186, 4265, 4819	QUADRAL	4016
ITT	5605, 8020, 3350, 4659, 4783, 6127, 6092, 6559, 7910, 2696	KOBIC	3637	LUMATRAN	2438, 8644, 6896, 8377, 5605, 3350, 3488, 5301	MEGATRON	5393	MEI	3840, 8644, 6896	ONCEAS	3637	PERDIO	5605, 8644, 4469, 5896, 6896	QUELLE	8644, 6736, 7507, 7430, 5355, 6896, 5265, 6538, 3835, 6640, 3518, 3350, 3488, 3840, 6092, 7647, 6812, 5531, 4752, 7839, 4523, 3802, 3637, 5874, 4648	QUADRAL	4016
ITTNOKIA	3350, 4783, 5605, 4659, 6305, 2696, 8394, 2438, 8020, 6092, 7910, 6559	KOBRA	2519	LUX MAY	4648, 8644, 7647, 6896	MER	4709, 8644, 7647, 6896, 3637	MEI	3840, 8644, 6896	ONWA	4530, 2810, 4016, 5739	PERFEKT	8644, 6896, 4648	QUESTA	6812, 3802	R LINE	4648
ITV	3488, 8644, 6896, 5531, 5090	KOLSTER	8644, 6896, 5531, 4016, 4648	LUXOR	5319, 2438, 8020, 6753, 6092, 4659, 3840, 8394, 3350, 7910, 4783, 5605	MERRITT	4783, 3350, 5605	MEI	3840, 8644, 6896	ORAMA	4648	PERFORMANCE	3802, 5874	QUESTA	6812, 3802	RADIALVA	7430, 4016, 5605, 8644, 6896, 4422
JBL	4648	KONICHI	7647, 3637	LXI	5393, 4648	METZ	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORCOM	4262	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
JCB	5874	KONKA	8644, 6896, 4530, 8060, 5553, 4016, 8485, 8299, 3491, 4706	M.ELECTRONICS	3637, 4648	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORIENT	3637	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
JDV	7066	KONTAKT	6230	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
JEAN	6812	KORPEL	8644, 6896, 4648	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
JEC	6482	KORTING	7287	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
JETPOINT	5510, 4648	KOSMOS	8644, 6896	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
JMB	8644, 4874, 5295, 5090, 6896, 5119, 7733	KOTRON	6764, 3488	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
JOCEL	5716	KOYODA	7647	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
JUBILEE	6896	KTV	4523, 3802, 5874	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
JUMBOTROIC	4648	KUASHO	4523, 4648	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
JVC	4638, 6812, 6127, 4530, 4016, 6305, 5553, 3193, 4526, 3802, 4648	KUBAELECTRONIC	5605	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
KAISER	4648	KYOSHU	6764, 5553, 3488	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
KAISUI	4016, 5896, 8644, 6896, 4469, 7014, 7647, 3637, 4648	KYOTO	5605, 4469	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
KAMBROOK	2796	L&SELECTRONIC	4677, 8060	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
KAMP	4469	LASAT	2590, 7287	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
KAPSCH	5605, 3350	LAVIS	3840, 8644, 5605	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS	3730, 6948, 8060	QUESTA	6812, 3802	RADIOLA	8644, 6896, 4648
KARCHER	8644, 6896, 7287, 2696, 5605, 5896, 3488, 5453, 8060, 5952, 6305, 3637, 4648	LEADER	7647, 3637	MADISON	8644, 6896	METS	2769, 6975, 5313, 2410, 8644, 6896, 8299, 5355, 5319, 5265, 6640, 3518, 3840, 7324	MEI	3840, 8644, 6896	ORION	8644, 5119, 7384, 6896, 6764, 8568, 7733, 3118, 8060, 7507, 7647, 3488, 3453, 3637, 5874, 4648, 4523, 3802	PHOXUS					