



## DARK LIGHT

### Universal remote control Télécommande universelle

#### ENGLISH - DARK LIGHT USER INSTRUCTIONS

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Congratulations.

- Your TnB universal remote control will let you to operate your sitting-room appliances after you have followed the instructions below.
  - Before using for the first time, please read the user instructions in full and keep them in a safe place for future reference.
- 1 - Insert, respecting the correct polarity, the batteries (or rechargeable AAA RC3 batteries of TnB ref BARE030429) in the compartment.
  - 2 - Programming the remote control.
- During the programming process, be sure to keep the remote control pointing to the device that you wish to operate.

#### FRANÇAIS - NOTICE DARK LIGHT

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Félicitations.

- Votre télécommande universelle TnB va vous permettre de piloter vos appareils de salon après avoir suivi les instructions ci-dessous.
  - Avant toute première utilisation, veuillez lire entièrement la notice d'utilisation et la conserver précieusement pour pouvoir vous y référer ultérieurement.
- 1 - Introduisez les piles (ou batteries rechargeables AAA RC3 de TnB ref BARE030429) dans le compartiment de la télécommande en respectant la polarité.
  - 2 - Réglez la télécommande.
- Pendant la phase de programmation veuillez à toujours pointer la télécommande vers l'appareil que vous souhaitez contrôler.

#### ESPAÑOL - MANUAL DARK LIGHT

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Enhorabuena.

- Una vez leídas las siguientes instrucciones, su telemando universal TnB le permitirá pilotar sus aparatos audiovisuales.
  - Antes de la primera utilización, le rogamos lea completamente el manual de uso y lo conserve cuidadosamente a fin de poder consultarlo posteriormente.
- 1 - Introduzca las pilas (o las baterías recargables AAA RC3 de TnB, ref. BARE030429) en el compartimento del telemando, respetando la polaridad.
  - 2 - Ajuste el telemando.
- Durante la fase de programación, dirija siempre el telemando hacia el aparato que desea controlar.

#### PORTUGUÊS - INSTRUÇÕES DARK LIGHT

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Parabéns.

- O seu telecomando universal TnB vai-lhe permitir comandar os seus aparelhos de sala depois de ter seguido as instruções abaixo.
  - Antes da primeira utilização, leia inteiramente as instruções de utilização e guarde-as com cuidado para as poder consultar no futuro.
- 1 - Introduza as pilhas (ou baterias recarregáveis AAA RC3 de TnB ref. BARE030429) no compartimento do telecomando respeitando a polaridade.
  - 2 - Regule o telecomando.
- Durante a fase de programação tenha o cuidado de apontar sempre o telecomando para o aparelho que deseja controlar.

#### ITALIANO - ISTRUZIONI DARK LIGHT

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Congratulazioni!

- Il telecomando universale TnB Vi permetterà di gestire gli apparecchi da salotto, semplicemente seguendo le istruzioni di seguito riportate.
  - Prima dell'utilizzo, si raccomanda di leggere le istruzioni d'uso e di conservarle accuratamente per eventuali riferimenti futuri.
- 1 - Inserire le pile (o le batterie ricaricabili AAA RC3 di TnB, Rif. BARE030429) nell'apposito vano del telecomando, rispettando la polarità.
  - 2 - Regolazione del telecomando.
- Durante la fase di programmazione, puntare sempre il telecomando verso l'apparecchio da gestire.

#### NEDERLANDS - HANDLEIDING DARK LIGHT

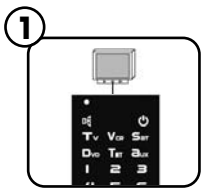
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Gefeliciteerd.

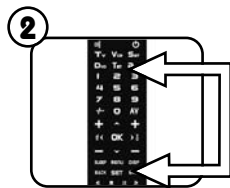
- Uw universele afstandsbediening TnB stelt u in staat uw apparatuur in de huiskamer te bedienen na onderstaand beschreven instructies te hebben opgevolgd.
  - Vóór de ingebruikname leest u aandachtig de gebruikshandleiding door en bewaart hem zorgvuldig voor raadpleging in een later stadium.
- 1 - Plaats de batterijen (of oplaadbare batterijen AAA RC3 van TnB ref BARE030429) in het batterijvakje van de afstandsbediening en respecteer hierbij de polariteit.
  - 2 - Stel de afstandsbediening in.
- Zorg er tijdens de programmeringsfase altijd voor de afstandsbediening te richten op het apparaat dat u wenst te bedienen.

## ENGLISH

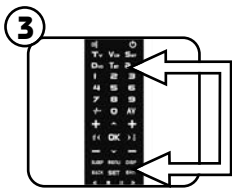
### BY AUTOMATIC SEARCH (IF YOUR EQUIPMENT IS NOT ON THE CODE LIST)



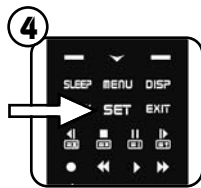
- Turn on the device that you wish to operate.



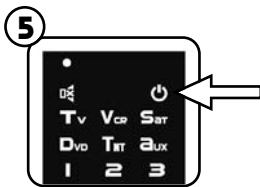
- Press the "SET" key and keep it pressed down and simultaneously press the key designating the device you wish to control.



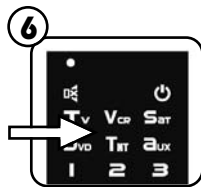
- Keep it pressed down until the indicator lights up. Release the key.



- Press the "SET" key once. The indicator flashes. Make sure you are pointing the remote control towards the device.



- Press the "Power" key for 3 seconds. The indicator light on the remote control flashes, the automatic search begins, automatically sending a switch off signal to the device every 2 seconds. Release the power button.



- When your device switches off, immediately press any key on the remote control to stop the search. Press the key designating the device you have just programmed in order to save the code. The remote control has been programmed. Switch the device on again and try the other functions on the remote control. If they do not all work correctly, start the procedure over again, from the beginning.

**Note:** You cannot change the direction the list of codes is read by pressing "SET" during the search.

## FRANÇAIS

### PAR RECHERCHE AUTOMATIQUE (SI VOTRE ÉQUIPEMENT NE SE TROUVE PAS DANS LA LISTE DES CODES)

- 1 - Allumez l'appareil que vous souhaitez contrôler.
- 2 - Appuyez et maintenez la touche "SET" et simultanément appuyez sur la touche désignant l'appareil que vous souhaitez contrôler.
- 3 - Maintenez jusqu'à ce que le voyant s'allume. Relâchez.
- 4 - Appuyez une fois sur la touche "SET". Le voyant clignote. Veillez à laisser pointer la télécommande vers l'appareil.
- 5 - Appuyez sur la touche "Power" pendant 3 secondes. Le voyant de la télécommande clignote, la recherche automatique commence, en envoyant automatiquement un signal d'extinction à l'appareil toutes les 2 secondes. Relâchez le bouton power.
- 6 - Lorsque votre appareil s'éteint appuyez immédiatement sur n'importe quelle touche de la télécommande pour arrêter la recherche. Appuyez sur la touche désignant l'appareil que vous venez de programmer pour sauvegarder le code. La télécommande est programmée. Rallumez l'appareil et essayez les autres fonctions de la télécommande. Si toutes ne fonctionnent pas correctement, recommencez la procédure.

**Note :** Vous ne pouvez pas changer la direction de lecture de la liste des codes en appuyant sur "SET" pendant la recherche.

## ESPAÑOL

### MEDIANTE BÚSQUEDA AUTOMÁTICA (SI SU EQUIPO NO SE ENCUENTRA EN LA LISTA DE CÓDIGOS)

- 1 - Encienda el aparato que desea controlar.
- 2 - Pulse y mantenga pulsada la tecla "SET" y pulse simultáneamente la tecla que designa el aparato que desea controlar.
- 3 - Manténgala hasta que el indicador se encienda. Luego suéltela.
- 4 - Pulse una vez la tecla "SET". El indicador parpadea. Vele porque el mando a distancia esté dirigido hacia el aparato.
- 5 - Pulse la tecla "Power" durante 3 segundos. El indicador del mando a distancia parpadea, la búsqueda automática comienza, enviando automáticamente una señal de extinción al aparato cada 2 segundos. Suelte el botón power.
- 6 - Cuando su aparato se apaga pulse inmediatamente en cualquier tecla del mando a distancia para interrumpir la búsqueda. Pulse la tecla que designa el aparato que acaba de programar para guardar el código. El mando a distancia ya está programado. Encienda el aparato y pruebe las demás funciones del mando a distancia. Si todas ellas no funcionan correctamente, reinicie el procedimiento.

**Nota:** No puede cambiar la dirección de lectura de la lista de los códigos pulsando "SET" durante la búsqueda.

## PORTUGUÊS

### COM PROCURA AUTOMÁTICA (SE O SEU EQUIPAMENTO NÃO SE ENCONTRAR NA LISTA CÓDIGOS)

- 1 - Ligue o aparelho que deseja controlar.
- 2 - Carregue e mantenha pressionada a tecla «SET» e, simultaneamente, carregue na tecla que designa o aparelho que você deseja controlar.
- 3 - Mantenha-a pressionada até que o indicador luminoso se acenda. Liberte-a.
- 4 - Carregue uma vez na tecla «SET». O indicador fica intermitente. Procure apontar o telecomando para o aparelho.
- 5 - Carregue na tecla «Power» durante 3 segundos. O indicador luminoso do telecomando fica intermitente, começa a busca automática, enviando automaticamente um sinal de extinção ao aparelho a cada 2 segundos. Libertar o botão «Power».
- 6 - Quando o seu aparelho se apaga, carregue de imediato em qualquer tecla do telecomando para parar a busca. Carregue na tecla designa o aparelho que você acaba de programar para guardar o código. O telecomando está programado. Volte a acender o aparelho e teste as outras funções do telecomando. Se houver alguma que não funcione correctamente, recomece o processo.

**Nota:** Você pode alterar a direcção de leitura da lista dos códigos carregando em «SET» durante a busca.

## ITALIANO

### TRAMITE LA FUNZIONE DI RICERCA AUTOMATICA (QUALORA LA MARCA DELL'APPARECCHIO NON SIA INCLUSA NELL'ELENCO DEI CODICI)

- 1 - Accendere l'apparecchio da gestire.
- 2 - Tenere premuto il tasto «SET» e premere contemporaneamente il tasto che indica l'apparecchio da controllare.
- 3 - Tenerlo premuto fino all'accensione della spia luminosa. Rilasciare il tasto.
- 4 - Premere il tasto «SET» una volta. La spia luminosa lampeggerà. Mantenere il telecomando rivolto verso l'apparecchio.
- 5 - Premere il tasto «Power» per 3 secondi. La spia luminosa del telecomando lampeggerà, sarà attivata la funzione di ricerca automatica e un segnale di spegnimento sarà automaticamente trasmesso all'apparecchio ogni 2 secondi. Rilasciare il pulsante power.
- 6 - Non appena il televisore si spegne, premere immediatamente su qualsiasi tasto del telecomando per interrompere la fase di ricerca. Premere il tasto indicante l'apparecchio da programmare per salvare il codice. Il telecomando è ora programmato. Riaccendere l'apparecchio e provare le altre funzioni del telecomando. In caso di malfunzionamenti, ripetere la procedura.

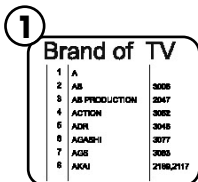
**Nota:** non è possibile modificare la direzione di lettura dell'elenco dei codici, premendo il tasto «SET» durante la fase di ricerca.

## NEDERLANDS

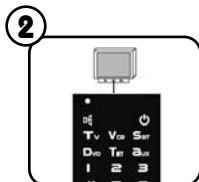
### DOOR AUTOMATISCH TE ZOEKEN (INDIEN UW INSTALLATIE NIET WORDT VERMELD IN DE CODELIJST)

- 1 - Schakel het apparaat in dat u wenst te bedienen.
- 2 - Druk de toets «SET» in en houdt deze toets ingedrukt en druk tegelijkertijd de toets in die het apparaat omschrijft dat u wilt bedienen.
- 3 - Houdt de toets ingedrukt totdat het controlelampje gaat branden. Laat de toets los.
- 4 - Druk de toets «SET» één keer in. Het controlelampje knippert. Zorg ervoor dat de afstandsbediening gericht blijft naar het apparaat.
- 5 - Druk de toets «Power» 3 seconden lang in. Het controlelampje van de afstandsbediening knippert, het automatisch zoeken begint, door automatisch om de 2 seconden een uitdovingsignaal te zenden naar het apparaat. Laat de power toets los.
- 6 - Wanneer het apparaat wordt uitgeschakeld druk u onmiddellijk op een toets naar keuze van de afstandsbediening om het zoeken te onderbreken. Druk op de toets die het apparaat omschrijft dat u zjuist heeft geprogrammeerd om de code op te slaan. De afstandsbediening is geprogrammeerd. Schakel het apparaat weer in en probeer de andere functies van de afstandsbediening. Zolang ze niet allemaal goed functioneren herhaalt u de procedure.

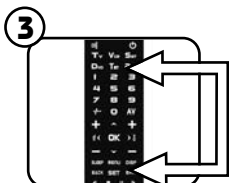
**Opmerking :** U kunt de leesrichting van de codelijst wijzigen door tijdens het zoeken op de toets «SET» te drukken.



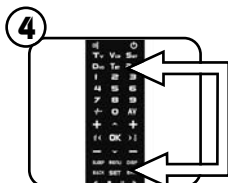
- Refer to the list of device codes and look for the 4-digit code that corresponds to your equipment brand.  
If several codes are given opposite the brand name, try the first code first.



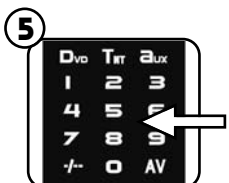
- Turn on the device that you wish to operate.



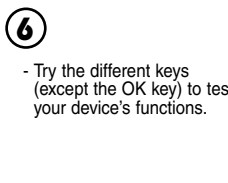
- Press the "SET" key and keep it pressed down and simultaneously press the key designating the device you wish to control.



- Keep the key pressed down until the indicator lights up.



- Enter the four digit code. The indicator flashes each time a digit is entered and goes out after the fourth digit. The remote control has been programmed.



- Try the different keys (except the OK key) to test your device's functions.



- If you are satisfied, press the OK key to validate the programming.  
- Repeat the procedure to program the other devices.

**NOTE:**

- If the LED flashes slowly three times then stays on, this means that the code that you have entered does not exist. Try again.
- If all the functions do not work correctly, repeat the procedure with the next code.

**FRANÇAIS - PAR ENTRÉE DU CODE DE L'APPAREIL**

- 1 - Reportez-vous à la liste des codes d'appareil et cherchez le code à 4 chiffres qui correspond à la marque de votre matériel. Si plusieurs codes figurent en regard du nom de marque, essayez d'abord le premier code.
- 2 - Allumez l'appareil que vous souhaitez contrôler.
- 3 - Appuyez et maintenez la touche "SET" et simultanément appuyez sur la touche désignant l'appareil que vous souhaitez contrôler.
- 4 - Maintenez jusqu'à ce que le voyant s'allume.
- 5 - Entrez le code à 4 chiffres. Le voyant clignote à chaque entrée et s'éteint après la quatrième. La télécommande est programmée.
- 6 - Essayez les différentes touches (sauf la touche OK) pour tester les fonctions de votre appareil.
- 7 - Si vous êtes satisfait, appuyez sur la touche OK pour valider la programmation. Répétez la procédure pour programmer les autres appareils.

**NOTE :**

- Si la led clignote 3 fois lentement puis reste allumée cela signifie que le code que vous avez entré n'existe pas. Réessayez.
- Si toutes les touches ne fonctionnent pas correctement, recommencez la procédure avec le code suivant.

**ESPAÑOL - MEDIANTE LA INTRODUCCIÓN DEL CÓDIGO DEL APARATO**

- 1 - Consulte la lista de códigos de aparatos y busque el código de 4 cifras que corresponde a la marca de su material. Si figuran varios códigos frente al nombre de la marca, intente primeramente el primer código.
- 2 - Encienda el aparato que desea controlar.
- 3 - Pulse y mantenga pulsada la tecla "SET" y pulse simultáneamente la tecla que designa el aparato que desea controlar.
- 4 - Manténgala hasta que el indicador se encienda.
- 5 - Entre el código de 4 cifras. El indicador parpadea a cada entrada y se apaga después de la cuarta. Ya está programado el mando a distancia.
- 6 - Pruebe los diferentes botones (salvo el botón OK) para testar las funciones del aparato.
- 7 - Si está satisfecho, pulse el botón OK para validar la programación. Repita todo el proceso para programar los otros aparatos.

**NOTA:**

- Si la led parpadea 3 veces lentamente y permanece encendida, esto significa que el código que ha introducido no existe. Inténtelo de nuevo.
- Si no todos los botones funcionan correctamente, repita el proceso con el siguiente código.

**PORTUGUÊS - COM A INTRODUÇÃO DO CÓDIGO DO APARELHO**

- 1 - Consulte a lista dos códigos do aparelho e procure o código de 4 algarismos que corresponda à marca do seu material. Se figurarem vários códigos para o nome da marca, tente inicialmente o primeiro código.
- 2 - Ligue o aparelho que deseja controlar.
- 3 - Carregue e mantenha pressionada a tecla «SET» e, simultaneamente, carregue na tecla que designa o aparelho que você deseja controlar.
- 4 - Mantenha-a pressionada até o indicador luminoso se acender.
- 5 - Introduza o código de 4 algarismos. O indicador fica intermitente em cada introdução e apaga-se após o quarto. O telecomando está programado.
- 6 - Experimente as diferentes teclas (exceto a tecla OK) para testar as funções do seu aparelho.
- 7 - Se estiver satisfeito, pressione a tecla OK para validar a programação. Repita o procedimento para programar os outros aparelhos.

**NOTA:**

- Se o LED piscar lentamente 3 vezes e em seguida ficar aceso, isso significa que o código que introduziu não existe. Experimente novamente.
- Se houver teclas que não funcionem correctamente, reinicie o procedimento com o código seguinte.

**ITALIANO - FUNZIONE D'IMMISSIONE DEL CODICE DELL'APPARECCHIO**

- 1 - Fare riferimento all'elenco dei codici degli apparecchi e individuare il codice a 4 cifre corrispondente alla marca del proprio dispositivo. Qualora, in corrispondenza del nome della marca interessata, siano riportati più codici, provare innanzitutto a immettere il primo in elenco.
- 2 - Accendere l'apparecchio da gestire.
- 3 - Tenere premuto il tasto «SET» e premere contemporaneamente il tasto che indica l'apparecchio da controllare.
- 4 - Tenerlo premuto fino all'accensione della spia luminosa.
- 5 - Immettere il codice a 4 cifre. Ad ogni immissione, la spia luminosa lampeggerà, quindi si spegnerà dopo aver immesso la quarta cifra. Il telecomando è ora programmato.
- 6 - Provare i vari tasti (ad eccezione del tasto OK) per verificare le funzioni dell'apparecchio.
- 7 - Quando soddisfatti dei risultati, premere il tasto OK per confermare la programmazione. Ripetere la procedura per programmare gli altri apparecchi.

**NOTA:**

- Se il LED lampeggia 3 volte lentamente, quindi rimane acceso a luce fissa, significa che il codice immesso non esiste. Riprovare.
- Qualora vi siano dei tasti che non funzionano correttamente, ripetere la procedura utilizzando il codice successivo.

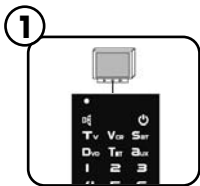
**NEDERLANDS - DOOR HET INVOEREN VAN DE CODE VAN HET APPARAAT**

- 1 - Raadpleeg de codelijst van apparatuur en zoek de uit 4 cijfers bestaande code die overeenkomt met het merk van uw apparaat. Indien er verschillende codes verschijnen bij de merknaam, probeert u eerst de eerste code.
- 2 - Schakel het apparaat in dat u wilt bedienen.
- 3 - Druk de toets «SET» in en houdt deze toets ingedrukt en druk tegelijkertijd de toets in die het apparaat omschrijft dat u wilt bedienen.
- 4 - Houdt de toets ingedrukt totdat het controlelampje gaat branden.
- 5 - Voer de uit 4 cijfers bestaande code in. Het controlelampje knippert bij ieder ingevoerde cijfer en dooft uit na het vierde cijfer te hebben ingevoerd. De afstandsbediening is geprogrammeerd.
- 6 - Probeer de verschillende toetsen (behalve de toets OK) om de functies van uw apparaat te testen.
- 7 - Indien u tevreden bent, drukt u op de toets OK om de programmering te bekrachtigen. Herhaal de procedure om de andere apparaten te programmeren

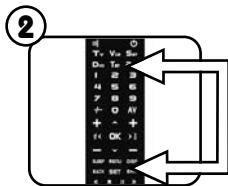
**Opmerking :**

- Indien de Led 3 keer langzaam knippert en vervolgens blijft branden betekent dit dat de door u ingevoerde code niet bestaat. Probeer opnieuw.
- Indien geen van de toetsen goed functioneert, herhaalt u de procedure met de volgende code.

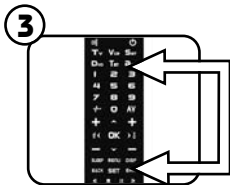
**BY MANUAL SEARCH (IF YOUR EQUIPMENT IS NOT ON THE CODE LIST)**



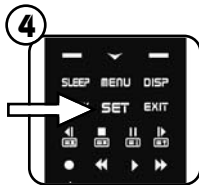
- Turn on the device that you wish to operate.



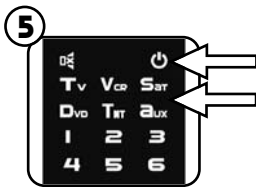
- Press the "SET" key and keep it pressed down and simultaneously press the key designating the device you wish to control.



- Keep it pressed down until the indicator lights up. Release the key.

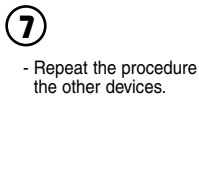
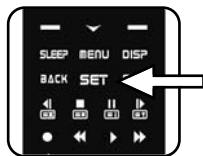


- Press the "SET" key once. The indicator flashes. Make sure you are pointing the remote control towards the device.



- Press the "Power" key regularly until the device switches off. Each time you press a new code is tested and a switch off signal is sent to your device. Be patient as this can take over a hundred attempts. When the device switches off, press the key designating the device you have just programmed in order to save the code. Switch the device on again and try the other functions on the remote control. If they do not all work correctly, start the procedure over again, from the beginning.

**Note:** You can change the direction the list of codes is read by pressing "SET" during the search.



- Repeat the procedure to program the other devices.

**FRANÇAIS - PAR RECHERCHE MANUELLE (SI VOTRE ÉQUIPEMENT NE SE TROUVE PAS DANS LA LISTE DES CODES)**

- 1 - Allumez l'appareil que vous souhaitez contrôler.
  - 2 - Appuyez une fois sur la touche "SET" et simultanément appuyez sur la touche désignant l'appareil que vous souhaitez contrôler.
  - 3 - Maintenez jusqu'à ce que le voyant s'allume. Relâchez.
  - 4 - Appuyez une fois sur la touche "SET". Le voyant clignote. Veillez à laisser pointer la télécommande vers l'appareil.
  - 5 - Appuyez sur la touche "Power" régulièrement jusqu'à ce que l'appareil s'éteigne. A chaque fois que vous appuyez un nouveau code est testé et un signal d'extinction est envoyé à votre appareil. Soyez patient cela peut prendre plus d'une centaine d'essais. Lorsque l'appareil s'éteint, appuyez sur la touche désignant l'appareil que vous venez de programmer pour sauvegarder le code. Rallumez l'appareil et essayez les autres fonctions de la télécommande. Si toutes ne fonctionnent pas correctement, recommencez la procédure.
- Note :** Vous pouvez changer la direction de lecture de la liste des codes en appuyant sur "SET" pendant la recherche.
- 6 - Si vous êtes satisfait, appuyez sur la touche OK pour valider la programmation.
  - 7 - Répétez la procédure pour programmer les autres appareils.

**ESPAÑOL - MEDIANTE BÚSQUEDA MANUAL (SI SU EQUIPO NO SE ENCUENTRA EN LA LISTA DE CÓDIGOS)**

- 1 - Encienda el aparato que desea controlar.
  - 2 - Pulse y mantenga pulsada la tecla "SET" y pulse simultáneamente la tecla que designa el aparato que desea controlar.
  - 3 - Manténgala hasta que el indicador se encienda. Luego suéltela.
  - 4 - Pulse una vez la tecla "SET". El indicador parpadea. Vele porque el mando a distancia esté dirigido hacia el aparato.
  - 5 - Pulse la tecla "Power" regularmente hasta que el aparato se apague. Cada vez que usted pulsa se somete a test un nuevo código y se envía una señal de extinción a su aparato. Tenga paciencia, pueden ejecutarse más de un centenar de tests. Cuando el aparato se apaga, pulse la tecla que designa el aparato que acaba de programar para guardar el código. Encienda el aparato y pruebe las demás funciones del mando a distancia. Si todas ellas no funcionan correctamente, reinicie el procedimiento.
- Nota:** Puede cambiar la dirección de lectura de la lista de los códigos pulsando "SET" durante la búsqueda.
- 6 - Si está satisfecho, pulse el botón OK para validar la programación.
  - 7 - Repita todo el proceso para programar los otros aparatos.

**PORTUGUÊS - COM PROCURA MANUAL (SE O SEU EQUIPAMENTO NÃO SE ENCONTRAR NA LISTA DOS CÓDIGOS)**

- 1 - Ligue o aparelho que deseja controlar.
  - 2 - Carregue e mantenha pressionada a tecla «SET» e, simultaneamente, carregue na tecla que designa o aparelho que você deseja controlar.
  - 3 - Mantenha-a pressionada até que o indicador luminoso se acende. Liberte-a.
  - 4 - Carregue uma vez na tecla «SET». O indicador fica intermitente. Procure apontar o telecomando para o aparelho.
  - 5 - Carregue na tecla «Power» com regularidade até que o aparelho se apague. Cada vez que você carrega, um novo código é testado e um sinal de apagamento é enviado ao seu aparelho. Seja paciente, pois isso pode levar a mais de uma centena de tentativas. Quando o aparelho se apaga, carregue na tecla que designa o aparelho que você acaba de programar para guardar o código. Volte a ligar o aparelho e teste as outras funções do telecomando. Se houver alguma que não funcione corretamente, recomece o processo.
- Nota:** Você pode alterar a direção de leitura da lista dos códigos carregando em «SET» durante a busca.
- 6 - Se estiver satisfeito, pressione a tecla OK para validar a programação.
  - 7 - Repita o procedimento para programar os outros aparelhos.

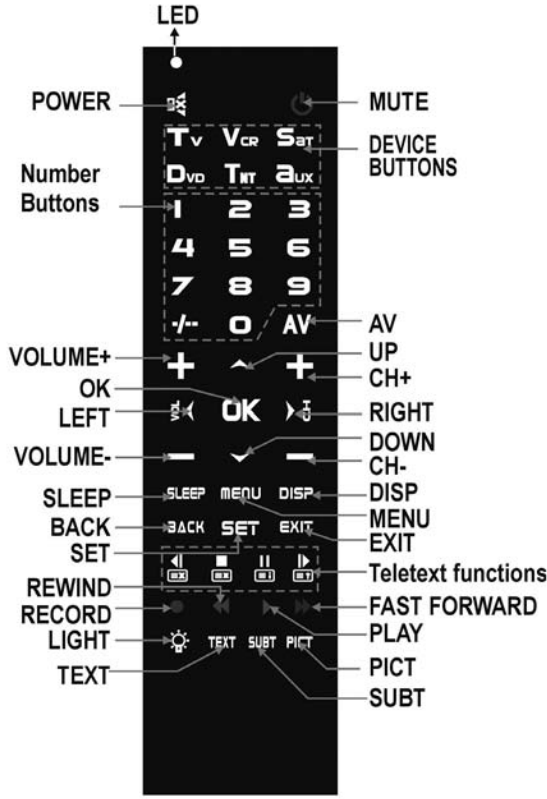
**ITALIANO - TRAMITE LA FUNZIONE DI RICERCA MANUALE (QUALORA LA MARCA DELL'APPARECCHIO NON SIA INCLUSA NELL'ELENCO DEI CODICI)**

- 1 - Accendere l'apparecchio da gestire.
  - 2 - Tenere premuto il tasto «SET» e premere contemporaneamente il tasto che indica l'apparecchio da controllare.
  - 3 - Tenerlo premuto fino all'accensione della spia luminosa. Rilasciare il tasto.
  - 4 - Premere il tasto «SET» una volta. La spia luminosa lampeggerà. Mantenere il telecomando rivolto verso l'apparecchio.
  - 5 - Premere continuamente il tasto "Power" fino allo spegnimento dell'apparecchio. Ad ogni pressione di tale tasto, viene verificato un nuovo codice e viene inviato un segnale di spegnimento all'apparecchio. Si raccomanda di avere pazienza, poiché questa operazione potrebbe implicare oltre un centinaio di prove. Allo spegnimento dell'apparecchio, premere il tasto indicante l'apparecchio da programmare per salvare il codice. Riaccendere l'apparecchio e provare le altre funzioni del telecomando. In caso di malfunzionamenti, ripetere la procedura.
- Nota:** è possibile modificare la direzione di lettura dell'elenco dei codici, premendo il tasto «SET» durante la fase di ricerca.
- 6 - Quando soddisfatti dei risultati, premere il tasto OK per confermare la programmazione.
  - 7 - Ripetere la procedura per programmare gli altri apparecchi.

**NEDERLANDS - DOOR HANDMATIG TE ZOEKEN (INDIEN UW INSTALLATIE NIET WORDT VERMELD IN DE CODELIJST)**

- 1 - Schakel het apparaat in dat u wenst te bedienen.
  - 2 - Druk de toets «SET» in en houdt deze toets ingedrukt en druk tegelijkertijd de toets in die het apparaat omschrijft dat u wilt bedienen.
  - 3 - Houdt de toets ingedrukt totdat het controlelampje gaat branden. Laat de toets los.
  - 4 - Druk één keer op de toets «SET». Het controlelampje knippert. Zorg ervoor dat de afstandsbediening gericht blijft naar het apparaat.
  - 5 - Druk regelmatig de toets «Power» in totdat het apparaat wordt uitgeschakeld. Iedere keer dat u op de toets drukt wordt er een nieuwe code getest en wordt er een uitdovingsignaal verzonden naar uw apparaat. Er kunnen meer dan een honderd pogingen nodig zijn. Wanneer het apparaat wordt uitgeschakeld drukt u op de toets die het apparaat omschrijft dat u juist heeft geprogrammeerd om de code op te slaan. Schakel het apparaat weer in en probeer de andere functies van de afstandsbediening. Zolang ze niet allemaal goed functioneren herhaalt u de procedure.
- Opmerking :** U kunt de leesrichting van de codelijst wijzigen door tijdens het zoeken op de toets «SET» te drukken.
- 6 - Indien u tevreden bent, drukt u op de toets OK om de programmering te bekrachtigen.
  - 7 - Herhaal de procedure om de andere apparaten te programmeren.

# KEY CHARACTERISTIC



## TV Brands

@ DIKON  
 A.R. SYSTEM  
 ACCENT  
 ACCUPHASE  
 ACEC  
 ACER  
 ACTRON  
 ADIRAL  
 ADVISON  
 AEA  
 AEG  
 AEG  
 AGASHI  
 AGE  
 AGEF  
 AIVO  
 AIVO  
 ALCSTAY  
 AWA  
 AKI  
 AKI  
 AKIBA  
 AKIO  
 AKIRA  
 AKITA  
 AKTTO  
 AKTERON  
 AKUPA  
 ALBA  
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LGHTSTAR  
LINTON  
LLOYD'S  
LME  
LOCATEL  
LOEWE  
LOGIK  
LOVE  
LS ELEKTRONIK  
LTV  
LUMA  
LUMATRON  
LUMAY  
LUXOR  
LXI  
LYOTRON  
M.D.C  
MACROM  
MADISON  
MAGAVOX  
MAGNADYNE  
MAGNAPON  
MAGNASONIC  
MAGNAX  
MAGNEX  
MAGNUM  
MAKROSONIC  
MANDI  
MANDOR  
MANESTH  
MANHATTAN  
MARANTZ  
MARECH  
MARK  
MARSHALL  
MASCOM  
MASCOT  
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MATCH ITALIA  
MATSUJI

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0302.

NIKKAI  
NIKKO  
NISSAN  
NOBLEX  
NOBLIKO  
NOGAMATIC  
NOKIA  
NORDING  
NORLAND  
NORDLENDE  
NORDTON  
NORFAY  
NORFOLK  
NORFOLK  
NORMAN  
NORMEREL  
NORTEK  
NORTON  
NORWAY  
NOVA  
NOVAK  
NOVATRONIC  
NU-TEC  
NUCLEAR  
O GENERAL  
OCEANIC  
OCTAL  
OCTAN  
ODEON  
OEC ELECTRONIC  
OKANO  
OLIDATA  
OLIVETTI  
OLMAL  
OLYMPIA  
OLYMPIC  
OMEGA  
ONCEAS  
ONDIOLA  
ONIDA

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MITRONIC  
MITSUBISHI  
MITSUJI GENERAL  
MIVAR  
MKC  
MKM  
MOBILE TV  
MOTION  
MTC  
MULTIMAT  
MULTISTAND  
MULTITECH  
MURPHY  
MUSKLAND  
MYSTAG  
MYRYAD  
NAD  
NAGOVA  
NAIKO  
NAKAMURA  
NAONIS  
NARANYA  
NARITA  
NASSA MAGEL  
NATIONAL  
NEC  
NECKERMANN  
NEI  
NEOVIA  
NESCO  
NETSAT  
NEUFUNK  
NEW GOLD/VISION  
NEWMAR  
NEWORLD  
NEWTech  
NEXUS  
NFCAM  
NICAMAGIC  
NIKAI



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 SHARP 0067.0148.0197.0321.0311.0445.  
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 SHIWA 0556.0544.0424.0262.0067.0513.0359.0415.0073.1420.  
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 SHOV 0415.0359.0322.0513.0067.  
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SPECTRUM  
SPORT GENEXXA

SSANGYONG 0025.0067.0083.0111.0114.0136.0540.0196.0227.0230.0322.0354.0359.0435.  
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 STANDARD 0359.0060.0067.0262.0513.0111.0114.  
 STAR 0513.  
 STARLINE 0322.0359.1638.0111.  
 STARLITE 0359.0513.0067.  
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 START 0513.  
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 STRONG 1432.1586.  
 STT SONG 0111.  
 STV 0162.  
 STV1 0230.0067.  
 SUNIC LINE 0513.  
 SUNKAI 0447.0073.0513.0549.0300.0195.  
 SUNNY 0415.  
 SUNSTAR 0536.1638.0322.0359.0513.  
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 SUPRA 0359.0354.0322.0329.0547.0067.0422.  
 SUPREME 0136.0080.  
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 SWA 0561.  
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 SYDNEY 0067.  
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 SYTEL 0246.0114.0025.0230.0359.0513.  
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SIDEC 0230.  
 SIEL 0230.  
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 SMARAGD 0549.  
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 SOMBER 0024.0025.0096.0111.0204.0237.0490.0540.0230.1611.  
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 SONICX 0540.0513.  
 SONITRON 0067.0290.0539.0024.  
 SONNECLAIR 0540.0513.  
 SONOKO 0322.0359.0067.0513.0505.0424.0111.0557.  
 SONOR 0359.0322.0111.0513.  
 SONORO 0359.1657.1639.0513.0125.  
 SONY 0065.0149.0359.0513.0785.1382.0167.1672.0174.0495.  
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 SOUNDMASTER 0547.  
 SOUNDVISION 0077.0513.0262.  
 SOUNDWAVE 0374.0322.0513.  
 SOUTHERN CROSS 1657.  
 SOUTTECH 1657.  
 SPARKLE 0513.  
 SPARKLE 0322.0513.0354.  
 SPECTRA 0513.  
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TELEFAX	0540.0513.
TELEFUNKEN	0359.
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TELEGAZI	0540.0513.
TELEKTRON	0579.1191.1269.1301.1616.
TELEMASTER	0391.0162.0540.0513.
TELEMAISTER	0359.0077.
TELEOPTA	0513.
TELEPAK	0540.
TELEPOINT	0359.
TELESONIC	0513.
TELESTAR	1637.
TELESTEM	0374.0359.0322.0536.0336.0111.0302.0513.
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TELETON	0097.0513.0057.0559.0540.
TELEVIEW	0067.0108.0153.0052.0083.0149.
TELEVA	0540.0513.
TELRA	0077.
TEMCO	0111.0513.
TEMPEST	0195.
TENNESSEE	0540.0513.
TENSAI	0060.0086.0067.0077.0097.0111.0114.0195.0238.0262.0282.0302.0354.0359.0415.
TENSON	0540.0542.0513.1639.0230.
TESLA	0359.
TESLA SLOW	0024.0230.0111.0513.0415.0262.0237.0528.0540.
TETRA	0024.0230.0111.0513.0415.0262.0237.0528.0540.
TEXT	0230.0114.
TEXT	0540.0557.0513.1377.
TEXT	0067.
THES	1440.
THOMAS	0544.
THOMSON	0051.0055.0052.0090.0092.0094.0095.0096.0119.0136.0164.0181.0229.0230.0242.
THORN	0455.0549.1045.1435.1478.1445.2026.
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TMK	1537.1489.0513.
TOBISHI	0196.0547.
	0262.0359.0384.0195.0067.0322.
TOBO	0322.0359.
TOKAI	0359.0322.0435.0540.0513.
TOKIWA	0359.0322.0435.0540.0513.
TOKO	0513.
TOKYO	1608.0424.0384.
TOMASHI	0556.0544.0424.0282.0067.0513.0359.0415.0073.1420.
TOMITA	0067.
TOP VISION	0230.0513.0435.0238.
TOPSHOW	0561.0222.
TORRE	0242.0455.0549.1045.1435.1478.1445.2026.
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TOWADA	1437.1434.1463.1569.0087.0540.1383.1564.0513.
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TRANSOMIC	1607.0322.0536.0513.0528.
TREVI	0424.1549.0149.0359.0230.1525.1343.
TRIAD	0540.0237.0513.0111.
TRIDENT	0067.
TRILUX	0374.0111.0262.
TRISTAR	0196.0540.0513.
TRIUMPH	0359.
TRIVISION	0556.0544.0424.0282.0067.0513.0359.0415.0073.1420.
TSOSHI	0513.
TTR	0230.
TV STAR	0230.
TYD	0513.
UHER	0153.1149.0238.0108.0114.0513.1637.0133.0077.0540.1126.0083.
ULTRAVISION	0237.0290.
ULTRAVOX	1639.0077.0354.0067.0513.0409.0125.0115.0189.0050.0111.0024.
UNDERWOOD	1391.
UNIC RADIO	025.0067.0230.0435.1657.
UNIMOR	1657.0513.0338.0153.
UNITED	1423.0557.1657.0145.0141.0513.
UNITRON	1338.
UNITRONIC	0359.
UNIVERSUM	0047.0065.0066.0069.0374.0075.0077.0083.0094.0096.0097.0103.0108.0111.0067.0125.0136.0137.
UNIVOX	0148.0149.0157.0162.0164.0167.1637.0196.0196.0197.0230.0242.0282.0290.0295.0296.0298.
UNK	0300.0302.0310.0312.0322.0326.0329.0337.0351.0359.0375.0390.0391.0409.0418.0427.0431.0222.
URANIA	0434.0516.0358.1126.0540.0513.1639.1649.1651.1652.1653.1654.1657.1658.1672.0174.0495.
	024.0237.0230.0162.0540.
	025.0557.0375.0230.0513.
	0329.1126.0077.0025.1124.0237.0238.0131.
URANVA	0435.0540.0424.
UTAX	0513.0540.1338.
VANGUARD	0067.0077.0083.0108.0114.0115.0131.0136.0153.0227.0295.0322.0359.0374.
WASLINEC	0540.1338.
VECO	0424.0435.1149.0540.0513.1639.1638.0230.
VENTANA	0513.
VENTEL	0513.0097.
VERA	0051.0217.0229.0237.0242.0254.0302.0378.0455.0513.1616.0322.1700.
VICEROY	0540.
VIDEON	1531.1346.0359.
VIDEOLOGIC	0424.0513.
VIDEOMAC	0359.0097.0497.0354.
VIDEON	0513.
VIDEOSAT	0513.0359.0544.0111.0415.
VIDEOSYSTEM	1450.
VIDEOTON	0238.
VIDEON	1338.1638.0513.
VIDIKRON	0204.
VIFRON	0359.
VITAL	0322.
VIOLA	0025.0067.0114.0204.0237.0435.0230.
VISION 2000	0513.0359.0540.0322.
VISION MAGIC	1412.
VISIONREX	0025.
VISTA	0051.0217.0229.0237.0242.0254.0302.0378.0455.0513.1616.0322.1700.
VISTAR	0203.0431.
VORTEC	0145.0540.0513.
VOXSON	0024.0080.0136.0322.1227.0556.
VSM	0181.
WAGNER	1654.
WALKIE	0295.0153.
WALKVISION	0513.
WALTHAM	0513.0060.0067.0097.0111.0119.0178.0290.0302.0374.0391.0435.0441.1423.0540.0230.
WATSON	0111.0080.0097.0105.0114.0115.0186.0540.0262.0322.0359.0536.0513.1639.1651.
WATT RADIO	0227.0077.0115.0060.0298.0067.0513.0359.1657.0238.
WEBER	0359.0125.0262.0322.0047.
MEGA VISION	0149.0024.
MEGAVOX	0374.0359.0556.0302.0322.0528.0540.0141.0097.0057.0513.
WELLFUND	0424.
WELLINGTON	0513.
WELLTECH	0557.
WELTBLICH	1639.0540.0114.0513.1638.1453.
WESTON	0435.0540.0424.
WESTWOOD	0513.0540.1338.
WHARFEDALE	0067.0077.0083.0108.0114.0115.0131.0136.0153.0227.0295.0322.0359.0374.
WHITE WESTINGHOUSE	0424.0435.1149.0540.0513.1639.1638.0230.
WILSON	0513.
WINDSOR	0513.0097.
WINDSTAR	0051.0217.0229.0237.0242.0254.0302.0378.0455.0513.1616.0322.1700.
WINDY SAM	0540.
WINNER	1531.1346.0359.
WINSTON	0424.0513.
WINTERITZ	0359.0097.0497.0354.
WORLDTECH	0513.
WORLDVIEW	0513.0359.0544.0111.0415.
WOV	1450.
WREMEN	0238.
XCELLENT	1338.1638.0513.
XENA	0204.
XONYCS	0359.
XRIPTON	0513.1638.0374.0540.
YAMISHI	0424.0359.0540.0544.
YAMO	0262.
YOCAN	0540.
YOKO	0359.0207.0322.0067.0082.0540.0354.0125.0329.0435.0262.0290.0513.0230.0516.
YORK	0262.
YOSHITA	0513.
YOTAKA	0513.
YUMATU	0322.0359.0111.0374.0415.
ZAMPA	0052.
ZANELA	0311.0445.0321.
ZANUSSI	0062.0080.0108.0153.0652.0197.0242.0236.0390.0428.0429.0435.0222.0513.1149.1181.0540.1653.
ZENOR	0359.
ZIRWATEL	0495.
ZOPPAS	0062.0080.0108.0153.0652.0197.0242.0236.0390.0428.0429.0435.0222.0513.1149.1181.0540.1653.

## CODE

4303.4234.  
 4541.  
 4271.  
 0777.0794.  
 4505.0733.

## SAT Brands

@SAT  
 @SKY  
 @STAR  
 AB SAT  
 ACCESS MEDIA

ACEC	0771.0785.0414.4545.4589.0733.4309.0749.4422.0777.
ADB	4465.0694.0630.
ADL	0917.
ADL	4541.
AGEVR	0694.
AGASHI	4413.
AGB	0718.4452.0694.4566.0630.4204.
AGEF	4460.4437.0697.
AGP	4296.4300.
AHPS	4505.4251.
AKAI	0630.4306.
AKTRON	0694.0629.4337.4223.
ALBA	4448.4452.4251.4297.0621.0697.4450.4458.4339.4433.
ALDES	0744.
ALICE	0630.4306.
ALKOS	0703.0694.
ALLSAT	0629.
ALLSONIC	3125.
ALPHA	4386.
ALTAI	4418.4507.0919.4331.0614.4571.
AMPERE	0660.0656.0647.4386.4418.0733.4150.4300.4329.4367.
AMSTRAD	4149.0777.4396.
ANKARO	0629.4460.0608.4446.
ANTARES	0694.0621.
ANTARES	4538.4576.4281.
ANTIMUR	0621.
APOLLO	0619.0775.0697.0697.0694.4586.4582.1445.0917.
AQP	0630.4559.4452.
ARC EN CIEL	4418.4507.0919.4331.0614.4571.
ARCON	0919.4507.
ARION	0771.0785.0414.4545.4589.0733.4309.0749.4422.0777.
ARISTONA	4465.0694.0630.
ARON	0703.4413.
ARMSTRONG	4296.
ARION	0669.0672.4341.4340.
ARROX	4541.
ASHI	4418.
ASHIN	0785.
ASSCOM	4295.4538.
AST	4481.0669.

ASTI	0725.
ASTON	0664.4556.0624.4334.
ASTRA	0669.4473.4436.4427.4394.4564.0694.
ASTREL	4529.
ASTRO	0619.0625.4339.0741.4595.4288.4545.4352.0771.4538.
ATLANTA	4352.4299.4300.4237.
ATLANTIC	0608.
AUDILINE	4381.
AUDIOTON	0664.
AURIGA	0684.0691.4145.0630.
AXIS	4295.4296.4297.4293.4237.4321.
AXIL	0608.
AXITRONIC	4367.
AXOSAT	0743.0697.
BALMET	4528.4234.4145.4295.4296.
BEST	0608.0629.
BIG SAT	4296.4281.
BINATONE	4491.
BLACK DIAMOND	4438.
BLAUPLUNKT	0619.
BLUE SKY	4522.
BOCA	0660.4388.0656.0647.4386.4418.0733.4150.4300.4329.
BOCA	4367.4149.0777.
BOSTON	4297.4296.4237.
BRAIN WAVE	4591.4545.0752.4414.4403.4580.4436.
BRANDT ELECTRONIQUE	0051.0735.0777.0697.0694.4586.4582.0785.1445.
BRUNS	0917.0630.4452.4459.
BUSH	4460.4437.0697.
BLW	0630.4438.4452.4448.
BW	4381.
CALIFORNIA	4251.0741.
CAMBRIDGE	0785.4184.
CANAL +	0785.
CANAL SAT	4247.
CANDLE	0771.0785.0414.4545.4589.0733.4309.0749.4422.
CANYONSE	0777.4465.0694.0630.
CASEMIA	4592.
CASONIO	0706.4341.0785.4506.0669.
CENTURY	4383.
CGV	4295.4538.
CHANNEL MASTER	4250.

CHAPPARRAL	4249.
CHEEROKEE	4399.0735.0745.4294.0777.4572.4321.
CHESS	0678.
CITIZEN	0674.
CITY COM	4434.0724.4314.4295.4351.4352.4384.4151.4551.0674.
CLATRONIC	4486.4403.
CLEMENS CAMPUS	4232.4169.4153.4149.4204.4413.0629.4460.4193.
CME	0768.0769.0627.0774.0706.0724.0739.0748.0630.0771.
CMR	0697.
COBRA	4540.4311.4352.4252.4318.0676.4512.0778.
COFADEL	0051.0735.0777.0697.0694.4586.4582.1445.0917.0690.
COFADL	4559.4452.
COLORADO	0697.0777.
COLUMBUS	4399.4178.0745.0777.0735.4572.4321.
COMAG	4288.4295.4560.
COMMUNIK	0629.
COMSTAT	0718.
COMTEC	4394.
COMWELL	4571.
CONCERTO	4247.
CONCORD	4542.
CONDOR	0608.
CONNEXIONS SAT	4386.
CONTIN. EDIS.	0051.0735.0777.0697.0694.4586.4582.1445.
CONTIN. EDIS.	0917.0630.4559.4452.
COSAT	0696.
COSHIP	4296.4252.
CROWN	0734.4413.
CYFFRA PLUS	0785.
D - BOX	0768.
DAEWOO	4348.0748.0697.4585.0621.
DAK	4300.
DANSAT	0694.
DATCOM	4542.
DATRONIC	4348.0748.0697.4585.0621.
DAYTRONIC	4348.0748.0697.4585.0621.
DDC	4460.
DELFA	0797.
DELSAT	4352.
DELTA	0615.
DELTA SAT	4352.
DENTAL	0608.

DHS	0669.4473.4436.4427.4394.4564.0694.
DIGICOM	4583.
DIGIFUSION	4303.4296.0728.4166.0797.0724.4290.4242.4504.
DIGIQUEST	4512.
DIGIT ALL	4541.4367.4288.
DIGITAL	0800.4508.4533.4170.4573.0919.
DIGITRONIC	4303.
DIGOX	0917.4145.
DIPRO	0703.
DISISTRAT	4338.
DISTRA	4141.4529.4507.5001.5002.5012.5014.5015.5016.
DISTRATL	0703.
DISTRISAT	4386.4142.0703.
DNT	4291.
DRAGON BOX	4269.0614.0740.4351.4541.4338.
DRAKE	4362.4285.4284.
DREAMBOX	0674.4473.4445.
DYNASAT	0771.0785.0414.4545.4589.0733.4309.0749.4422.
DYNATRON	0777.4465.0694.0630.
E-SPACE	0919.
ECHOLITE	4541.
ECHOSTAR	4296.0738.0656.4392.4315.0791.4563.4273.
EDISON	4329.0774.4562.0777.4488.4386.0627.4399.0697.
EINHELL	4413.0734.
ELAP	4329.0697.
ELBE	4237.
ELIN	4341.
ELLIES	4357.
ELSAT	0660.
ELTA	0703.0664.0608.
EMANON	0621.
EMATEC	0706.4341.4506.0785.0669.0768.
EMCO	4448.4452.
EMME ESSE	4458.0774.4473.4445.4623.4517.4548.4331.4522.4175.
EMTECH	4295.4297.4293.1563.0785.4367.4237.4365.0621.
ENGEL	0728.4291.4292.4299.
EP SAT	4358.0630.0733.0785.0745.0769.4133.4414.4142.
EP SAT	4347.4247.4454.0694.4448.

EQUATOR	0694.
ERRES	0771.0785.0414.4545.4589.0733.4309.0749.4422.
EJAUER	0777.4465.0694.0630.
EJUREL	4237.
EJUROCOM	4338.
EJURODEC	4564.
EJUROPLUS	4241.4522.4519.4520.
EJUROPA	4458.4427.4473.
EJUROSTAR	4572.
EJUROSTAR	0664.
FAIRMATE	0697.4242.
FALCON	4384.4386.0674.4413.0697.
FENNER	0745.0777.
FERRUSION	4251.0621.4558.0777.0697.0725.4460.0608.
FIDELITY	4489.4514.4518.
FILMINET	0660.0619.0378.0694.4507.4438.4594.0630.
FINLUX	0660.4459.
FM	4341.4555.4458.
FMD	0664.0666.
FONESTAR	4296.4295.
FORGENTONE	4307.4295.
FORRESTI	0660.0619.0919.0378.0694.4507.4438.4584.0630.
FORTEC STAR	0608.
FOXTEL	0728.4166.
FRACARRO	4492.
FRANCE TELECOM	0697.0794.0745.0600.4336.4557.4210.0621.0778.0684.
FREECOM	0777.4414.0674.4339.0774.4494.4367.4347.4541.
FREEFONE	4237.4329.0917.4203.0785.4534.4496.
FREEFON	0771.4582.0744.
FTE MAXIMAL	4329.4511.
FUBA	0621.4223.4247.
FUJI ONKYO	0621.4412.
FUSION	0794.4331.4361.4211.0664.4412.0666.0725.4406.
G - SAT	0674.4403.4486.4342.4580.4567.
G - SAT	4399.0608.0619.0718.4321.4386.4367.4164.
G - SAT	0621.4329.4513.1527.4338.
G - SAT	4450.
G - SAT	4593.
G - SAT	0694.

GALAXI	0608.
GALAXY - GALAXIS	0797.0664.0629.0666.4438.4590.4571.
GE SER	0795.4318.4442.4322.
GEANT CASONIO	4314.
GLOBAL	0706.4341.0785.4506.0669.0768.
GLOBO	4569.
GMI	4569.4288.4294.
GOLD TOP	4413.
GOLDBOX	4438.4505.
GOLDSTAR	0795.
GOLDEN INTERSTAR	4281.4128.4239.
GOODMANS	4247.
GR 15	4438.
GRADIENTE	4326.4383.
GRAETZ	4302.0669.
GRANADA	4358.0630.0669.
GRANDE	0608.
GRANDIN	4338.
GRUNDIG	0621.
GRUNDIG	0619.0630.0772.4389.4592.4593.0741.0697.0351.
HANSEATIC	0660.4408.
HANTOR	0621.
HANURI	0608.4402.4446.4213.4400.4415.
HE @ D	4575.4314.4329.4220.
HEIRU	0919.
HELICENTRONIC	0619.
HELICOOM	0608.
HFIVOX	4331.
HINARI	0051.0735.0777.0697.0694.4586.4582.0733.0785.
HIRSHMANN	1445.0917.0630.4452.4559.
HISAWA	0694.
HISAWA	0619.4422.4555.0674.0718.4288.0608.4440.
HISATO	4131.4423.4444.4526.4538.
HITACHI	4896.4403.
HITACHI	0630.4306.
HOMECAST	0431.4341.0630.4438.
HORIYONT	4575.4242.
HORIYONT	0771.0785.0414.4545.4589.0733.2275.4309.
HUMAX	0540.0749.4422.0777.4465.
HUMAX	4484.0777.
HUMAX	4549.0728.0797.4228.4584.4541.4249.4277.0724.

KATHREIN	4515.4240.0625.4361.4384.4456.4434.4423.0619.4445.
KAWASHO	4465.4351.4235.4394.0771.4238.4242.0674.0705.4238.
KENXO	0608.
KENWOOD	0800.
KIOWA	0785.
KIZUKI	4558.
KONIG	0676.
KOSMOS	4352.
KR	4361.4423.
KREILING	4320.4321.
KRIESELMEYER	0619.4450.
KRIESLER	0771.0785.0414.4465.4545.4589.0733.2275.4309.
KTD	0540.0749.4422.0777.0630.
KUCCAI	4296.
KURO	0748.
KYOSTAR	4367.
LA SA	4168.4508.4533.0621.4339.4423.
LABGAR	0608.4415.4402.4446.4213.4400.
LAEM SAT	4585.
LAZER	0684.0666.
LEGEND	4541.
LEICO	0738.0656.4392.4125.4315.0785.4563.4273.4329.
LEMON	4562.0774.0777.4386.4399.4488.0697.0627.
LEMON	4564.
LENG	4367.4546.
LENG	4320.4541.4167.
LENG	4565.4247.0621.
LENOX	4496.
LENOX	0608.
LENSOR	4242.
LENSOR	4321.4367.
LG	4247.
LIFESAT	4865.
LIVE SAT	4865.
LODOS	4438.
LOGIK	4438.
LORENZEN	4551.0752.4320.4442.4322.4294.4288.
LOVE	4139.4541.4533.0771.
LTV	4237.
LUPUS	0706.4341.0785.4506.0669.0768.
	0629.4460.0608.0446.

HUTH	4322.4169.4153.4149.4204.4413.0623.4460.4193.
HYPSON	4469.4506.4352.4348.
HYPUNDAI	0917.
I-CAN	4442.
ICE INTERNATIONAL	4487.4446.
ID DIGITAL	0724.4277.
ILLUSION sat	4590.4542.
IMEX	0684.4338.
IMPERIAL	4448.4452.
INNO HIT	4367.
INTERNATIONAL	0730.0697.4446.
INTERSTAR	4403.4496.
INTERVISION	4281.0728.4128.
INTRONIC	0664.
INTRONIC	4307.
IRVING	4438.
IRFADIO	4550.4269.4558.4537.4232.0777.
ISV	4403.4496.
ITALTEL	0774.0733.
ITS	0697.
ITC	4486.4403.
ITT	4302.0669.
JEC	0630.4306.
JEEMON	0664.
JEEMON	4438.
JERROLD	4511.4571.
JERROLD	4487.
JOHANSSON	4403.4496.
JOK	0777.
JVC	0664.0666.
JVR	0749.
KAMM	0731.
KAMP	0608.
KANARY	0725.
KANGSLEY	0608.
KAON MEDIA	4403.
KAOSHU	4227.4481.4267.0646.4226.4292.4418.4291.4467.
	4225.4361.4422.4512.4528.4146.4322.0733.0797.
KAPSCH	4302.0669.

MISTRAL	0660.0619.0919.0378.0694.4507.4438.4564.0630.
MITSUBISHI	0619.
MNET	0615.
MONGER	4399.0746.0777.0735.4572.4321.
MORGAN	4413.4446.4153.4149.4418.
MOSER	0619.
MULTICHOICE	0772.4597.0917.0630.
MULTISTAR	741.4361.4394.
MURATO	4481.
MURPHY	4452.
MVISION	4575.4590.
MWC	0619.
MYST	0697.
MYST	4594.
MYSTY	4569.0774.0414.0621.0697.
NAONIS	4295.4297.4293.1563.0785.4367.4237.4385.
NASSA NAGEL	0621.0728.4291.4292.4299.
NAVEX	4486.4403.
NEAHAUSAT	0697.
NEC	4483.
NEOTON	4541.
NETWORK	0694.
NETUSAT	0697.
NEVELING	4564.4394.4450.
NEW WAVE	0750.4239.4324.
NEXT WAVE	0619.4408.
NICAMAGIC	0608.
NIKKO	4212.
NIMO	4280.
NINBUS	0666.
NODA	4529.
NOGAMATIC	0051.0735.0777.0697.0694.4586.
	4582.1445.0917.0630.4559.4452.
	4372.0738.0766.0672.0768.4302.
NOKIA	0785.0748.4275.4555.0383.4340.0630.
	0744.
NOOS	4452.4450.0621.4418.4242.
NORDTON	0774.0414.0621.0697.4569.
NORKABEL	4487.
NOVA	0772.
NOVIS	4486.4403.
NTC	0629.

NUMERI CABLE	0785.4582.
OCEANIC	0706.4341.0785.4506.0669.0768.
OCTAGON	0621.
OCTAL	0752.0744.
OCTAN	0771.0785.0414.4545.4589.0733.4309.
ODEON	0749.4422.0777.4465.0694.0630.
OFFEL	4413.
OLYMPIC	0796.
OLYMPIA	4413.4361.
ONDIAL	4460.0629.0608.
OPENTEL	0697.
OPTEX	4314.
OPTUS	4367.4237.4234.4145.0745.4507.4321.0750.
ORANGE	4320.4322.4296.4295.4317.4323.4338.0664.
ORAVA	4403.0697.4475.4318.4384.
ORBIT	4492.
ORBITECH	0744.
ORCA	0771.0703.
ORDA	1458.4439.4481.
ORIGO	0741.4408.4218.0621.
OSAT	4323.
OSAT	4448.
OTHER	4459.
OTTO VERSAND	5006.5007.
OXFORD	0619.4408.
PAGE	0777.
PACIFIC	4358.0630.0733.4554.0785.0745.0769.4133.
PALCOM	4414.4412.4274.0694.
PALCOM	4406.4573.4540.
PALSAT	4524.4389.
PANASAT	4440.0741.4564.
PANASONIC	0772.4562.
PARTHMERCONI	4574.0733.4562.0769.
	0051.0735.0767.0694.4586.4582.
	1445.0917.0630.4559.4452.
PARTIOT	4508.
PHILIPS	0771.0785.0414.4545.4589.0733.4309.0749.
PHONIX	4422.0777.4465.0694.0630.
PHONOLA	0694.4448.4413.
	0771.0785.0414.4545.4589.0733.4309.
	0749.4422.0777.4465.0694.0630.

LUXOR	4341.0669.0672.0768.4340.0706.
LYONNAISE CABLE	4582.
LYOTRON	4247.
MACAB	4582.0785.4160.4173.4403.4567.4406.
MAESTRO	4389.0745.0777.0735.4572.4321.
MAGAVOX	0771.0785.0414.4545.4589.0733.4309.
MAGIX	0749.4422.0777.4465.0694.0630.
MAGIC SAT	4530.
MAGKE	4572.4351.
MAGNEX	0697.
MANHATTAN	4166.0728.0718.0664.4414.0684.0798.0796.
MARANTZ	0697.4195.4157.0721.4303.0630.4210.
MASCOM	0703.
MASPRO	0684.
MASTER SAT	4394.0625.0697.
MATAV	4211.
MATSUI	4361.
MC MICHAEL	4438.4591.0749.
MEDIA/BOX	0771.0785.0414.4545.4589.0733.4309.
MEDIA/SET	0749.4422.0777.4465.0694.0630.
MEGA	0785.
MELTRONIC	4413.
MELTA	0785.
MEMPHIS	0917.0785.
METEOR	0703.
METRONIC	0431.4340.
	4249.
	4367.
	4239.0777.4529.0621.4141.0684.4338.4533.
	4335.4333.4311.0919.4336.0697.4143.0750.
	4508.4527.4507.4182.5000.5001.5002.5003.
	5004.5005.5008.5009.5010.5011.5012.5014.
	5015.5016.5017.5018.5019.5020.5021.5024.
	5027.5028.5030.5048.5049.5050.5051.5052.5058.5069.
	5009.5048.
MEDIA/PRICE	0625.0619.
METRO	0790.
METRO TECHNOLOGIE	0752.
MICROSAT	4537.
MIKRO DIGITAL	0619.0630.0772.0785.4389.4592.4593.0749.0741.
MINERVA	0625.
MIRASAT	4295.

PHONOTREND	0629.0718.0664.
PIONEER	0918.0785.0513.0464.
PIXX	4547.
PK SAT	0619.4422.4555.4538.0674.4288.
PLANET	0608.4440.4131.4423.4445.4526.4314.
PMB	0777.4448.
POLSAT	0697.4328.4237.4546.0917.
POLYTRON	0752.
PORTLAND	4545.4384.4456.4434.4423.0169.4445.
POWER SKY	0625.4235.4351.4465.4394.4240.4238.4361.
PREDKI	4585.
PREISNER	0919.0728.
PREISNER	4403.4486.4414.
PROBASIC	4149.
PROCCON	0768.0629.
PROXYN	4280.
PROXON	0771.0785.0414.4545.4589.0733.4309.
PROXON	0749.4422.0777.4465.0694.0630.
PROXIM	4169.
PROXIMAX	4358.0630.0733.0785.0745.0769.4133.
PROTECH	4414.4412.4347.4274.4554.0694.4448.
PROTEK	4452.0629.
PROTEK	4406.4433.
PROVISION	4239.4317.4406.
PYE	0684.0778.0743.
	0771.0785.0414.4545.4589.0733.4309.
	0749.4422.0777.4465.0694.0630.
	4324.
PYXIS	0629.4450.
QUADRAL	4573.
QUADRO	4348.0748.0697.4895.0621.
QUEENFIDELITY	0660.0619.4361.4415.
QUELLE	4590.
QVISION	0771.0785.0414.4545.4589.0733.
RADIOLA	4386.0676.4529.
RADIX	4358.0630.0733.0785.0745.0769.4133.
RAINBOW	4414.4412.4347.4274.4554.0694.4448.
RE	0664.
REBOX	4511.
REC	4484.
RED STAR	0608.







WILSON	2059.	ASA	0277.	CITIZEN	0277.
WMW NET STATION	2030.	ASTHON	0271.2351.2328.0272.2356.0372.0323.	COTAFEL	0169.0455.2301.0395.0404.2355.0537.0320.2360.
WOXTER	2226.	ASTRA	0272.	COMBITECH	0323.2351.0195.2328.0460.2377.0272.
XL - ELECTRONICA	2061.	ASUKA	0272.0277.	COMMAX	0212.
XPLAYER	2059.	ATLANTIC	0277.0547.0272.0430.	CONCERTO	0277.0547.0272.0430.
YAKUMO	2098.	AUDIO DYNAMICS	0430.	CONDOR	2315.0383.2356.0469.2365.
YAMADA	2098.2059.2169.	AUDIOSONIC	0272.2315.0372.0383.0277.	CONTEC	0195.
YAMAHA	2037.2027.	AUDIOTON	0430.2315.	CONTIN EDIS.	0169.0455.2301.0395.0404.2355.0537.0320.
YAMAKAWA	2072.	AUTHENTIC	0169.	CORVUS	0272.
YUKAI	0922.	AUTOBOX	0277.	CRAIG	2319.0212.
		AWA	0212.	CROWN	2315.0383.0381.2388.0271.0372.
		AWATRON	0272.	CTC CLATRONIC	2315.
		BAIRD	2356.0383.0280.0169.0469.0372.	CXC	0271.2351.2356.0272.0383.0372.2356.0323.
		BANG&OLUFSEN	0169.	DAEWOO	2315.0533.0383.0537.2388.0341.0271.
		BASIC LINE	0372.0323.2315.0383.	DAIGO	0212.2315.
		BAUER	0377.	DANIICHI	0212.
		BESTAR	0383.2315.	DANSAI	0372.
		BLACK PANTHER	0383.	DATRONIC	2315.0533.0383.0537.2388.0341.0271.0277.
		BLAUJUNKT	0275.0402.0460.0381.0212.0377.	DAYMETER	0169.2356.0277.
		BLUE SKY	0323.0277.	DAYTRON	2388.0383.2315.
		BLUE STAR	2329.	DAYTRONIC	2315.0383.0533.0341.0271.0277.
		BOCA	0272.	DE GRAAF	2356.0469.0333.0344.
		BONDI/STEC	0377.0275.	DECCA	0169.
		BOSCH/BAUER	0271.0275.	DEMACOLOR	2356.
		BRANDT ELECTRONIQUE	0169.0455.2301.0395.0537.2335.0404.0320.2360.	DENTAL	0277.0323.0383.2315.2356.0469.
		BRAND	0275.	DEVVO	0212.
		BRIONVEGA	0169.0395.0345.2356.	DEUTSCH	0383.
		BRUNS	2329.0372.2315.	DHS	0372.
		BSR	0195.2351.2328.0323.	DIGITECH	0372.
		BUSH	0323.2329.0383.0372.	DI XI	2328.0272.
		CALIFORNIA	0277.0323.0383.2315.2356.0469.	DOMLAND	0372.0469.0383.0271.2315.0272.0341.0460.0169.
		CANDLE	0277.0547.0430.0272.	DOMOH	0277.
		CANON	2351.0275.	DUAL-TEC	0372.0469.0383.0271.2315.0272.0341.0460.0169.
		CAPEHART	2315.	DUMONT	2356.0272.0372.
		CARYONSE	0460.0540.0341.0333.0275.2325.0212.2367.1463.	DYNATRON	0460.0540.0341.0333.0275.2325.2387.1463.
		CASIO	0460.0169.2356.0469.	ECONOMIC	0212.
		CASONIO	0460.0169.2356.0469.	EDAN LINE	0469.2356.0372.0383.
		CATION	2315.	ELBON	0372.
		CBE	0169.0212.2356.0463.0272.	ELBIE	0271.0430.0272.0383.
		CGM	2315.0372.0277.2356.0383.	ELCATECH	0372.
		CIE	0372.0323.	ELCOT	0169.2356.0277.
		CIMLINE	0372.0323.	ELEKTA	0383.0212.

ASIA	0272.0372.	GOLDMEDAL	0272.0372.	JENSEN	0169.
ASTHON	0271.2351.2328.0272.2356.0372.0323.	GOLDSTAR	0277.0547.0272.0430.	JINN SONIC	0383.
ASTRA	0272.	GOLDSTAR	0277.	JOHN PLAYER	2315.
ASUKA	0272.0277.	GOLDVISION	2315.2356.0383.0372.0469.	JOHNSON	0277.
ATLANTIC	0277.0547.0272.0430.	GOODMANS	0460.0383.0372.0333.0272.0212.2315.0533.	JVC	0167.0169.0404.2385.0395.
AUDIOSONIC	0430.	GR 15	0372.	KANSUI	0372.
AUDIOTON	0272.2315.0372.0383.0277.	GRATZ	2356.0469.0169.0341.0372.0212.0280.	KAMBROOK	0277.0323.0383.2315.2356.0469.
AUTHENTIC	0169.	GRANADA	0275.0277.2356.0333.0372.0272.0169.	KAMP	0277.0323.0383.2315.2356.0469.
AUTOBOX	0277.	GRANDIN	0323.0277.2315.0383.2356.0469.	KANSAI	0372.2329.
AWA	0212.	GRENADIER	0533.0383.0277.	KAO-SHO	0212.0463.0271.0453.2356.
AWATRON	0272.	GRONIC	0383.	KARFSCH	2356.0469.0341.0372.0212.0169.0280.
BAIRD	2356.0383.0280.0169.0469.0372.	GRUNDIG	0372.	KARFSCHER	0212.
BANG&OLUFSEN	0169.	GTT	0377.0381.0465.0460.2371.0275.	KATAI	2351.
BASIC LINE	0372.0323.2315.0383.	HANSEATIC	0372.0430.0195.0377.0277.0460.	KAWASHO	0277.0323.0383.2315.2356.0469.
BAUER	0377.	HANTAREX	0277.	KENDO	0280.2384.2319.0345.2305.2328.0323.
BESTAR	0383.2315.	HARMAN KARDON	0353.	KENNEDY	0345.0395.
BLACK PANTHER	0383.	HELECTRONIC	2315.0372.	KENNEK	0383.0533.
BLAUJUNKT	0275.0402.0460.0381.0212.0377.	HIFOX	0277.0323.0383.2315.2356.0469.	KENWOOD	0169.0430.2356.0469.
BLUE SKY	0323.0277.	HIGHWA	0372.	KIC	0272.
BLUE STAR	2329.	HILINE	0277.	KICTA	0232.0277.
BOCA	0272.	HINARI	2351.0372.2328.2329.2358.	KNEISSEL	0323.0277.
BONDI/STEC	0377.0275.	HISAWA	0323.	KOLSTER	0323.
BOSCH/BAUER	0271.0275.	HISHITO	0271.0169.2385.0467.	KONG WAM	0372.
BRANDT ELECTRONIQUE	0169.0455.2301.0395.0537.2335.0404.0320.2360.	HITACHI	0169.0344.0272.0460.2319.	KRIESLER	0372.
BRAND	0275.	HMA	0169.	KRONNE	0430.
BRIONVEGA	0169.0395.0345.2356.	HORIZONT	0460.0540.0341.0275.2325.0212.2367.1463.	KUBA ELECTRONIC	0169.0272.0272.0212.2319.0469.0381.0377.0275.
BRUNS	2329.0372.2315.	HYPER	0372.0372.	KUNYA	0404.
BSR	0195.2351.2328.0323.	HYPSON	0372.0323.	KURO	2356.0469.2056.0402.
BUSH	0323.2329.0383.0372.	IMPERIAL	2356.0272.0212.0463.	LANDPORT	0277.
CALIFORNIA	0277.0323.0383.2315.2356.0469.	INGERSOLL	0272.2328.	LAVIS	0372.0383.
CANDLE	0277.0547.0430.0272.	INNO HIT	0372.0277.	LENGO	0383.0277.2356.
CANON	2351.0275.	INTERBUY	0377.0533.	LETCO	0372.
CAPEHART	2315.	INTERNATIONAL	0372.0277.	LG	0277.0547.0272.0430.
CARYONSE	0460.0540.0341.0333.0275.2325.0212.2367.1463.	INTERVISION	0430.0272.0372.2329.0383.	LIFETEC	0323.
CASIO	0460.0169.2356.0469.	INTERVIDEO	0277.2376.2356.0372.0460.0469.	LIGHTSTAR	0272.
CASONIO	0460.0169.2356.0469.	IRRADIO	2356.0469.0169.0341.0372.0212.0280.	LLOYD'S	0272.
CATION	2315.	ITT	0277.0383.2315.	LOEWIE	0277.0344.0402.
CBE	0169.0212.2356.0463.0272.	ITV	0277.	LOWK	0372.2351.0212.2328.
CGM	2315.0372.0277.2356.0383.	JASON	0271.0169.2385.0467.	LTV	0271.0277.0430.0272.0383.
CIE	0372.0323.	JEC			0460.0169.2356.0469.
CIMLINE	0345.2359.0469.0169.2356.2384.0353.				

ELIN	0212.	ELSA	0272.	ELTA	0372.0383.0272.
ELSA	0272.	ELTA	0372.0383.0272.	EMATEC	0460.0169.2356.
EMATEC	0460.0169.2356.	EMCO	2356.0272.0212.0463.	EMERSON	0271.2351.2328.2358.0272.0372.2356.0323.
EMERSON	0271.2351.2328.2358.0272.0372.2356.0323.	ERRER	0460.0540.0341.0333.0275.2325.2367.1463.	ESS	0383.2315.0212.
ERRER	0460.0540.0341.0333.0275.2325.2367.1463.	ESSLTE	0272.0372.	ETZUKO	0271.0277.0430.0272.0383.
ESSLTE	0272.0372.	EULANDER	0271.0277.0430.0272.0383.	EU/UMG	2356.
ETZUKO	0271.0277.0430.0272.0383.	EU/UMG	2356.	EXCEL	2315.
EULANDER	0271.0277.0430.0272.0383.	EUROPHON	0372.	EXCEL	2356.
EU/UMG	2356.	FAIR VIDEO	0277.	FAIRCHILD	0344.
EXCEL	2356.	FENNER	0344.	FERRUGSON	0169.2317.0404.0455.0395.0378.0320.2356.0272.
FAIR VIDEO	0277.	FENNER	0344.	FIDELIS	2315.
FAIRCHILD	0344.	FERRUGSON	0169.2317.0404.0455.0395.0378.0320.2356.0272.	FIDELIS	2315.
FENNER	0344.	FIDELIS	2315.	FIDELITY	0372.0272.0478.2319.
FERRUGSON	0169.2317.0404.0455.0395.0378.0320.2356.0272.	FIDELITY	0372.0272.0478.2319.	FINLUX	2356.0469.2319.0277.0169.0275.0272.0372.0344.0460.
FIDELIS	2315.	FIDELITY	0372.0272.0478.2319.	FIRSH LINE	0272.0372.0323.0344.0271.0277.
FIDELITY	0372.0272.0478.2319.	FISHER	2356.0469.2319.2391.	FISHER	2356.0469.2319.2391.
FINLUX	2356.0469.2319.0277.0169.0275.0272.0372.0344.0460.	FISHER	2356.0469.2319.2391.	FLINT	0323.
FIRSH LINE	0272.0372.0323.0344.0271.0277.	FLINT	0323.	FORGSTONE	0169.2317.0404.0378.0320.2356.0272.
FISHER	2356.0469.2319.2391.	FORGSTONE	0169.2317.0404.0378.0320.2356.0272.	FORNENTI	0277.0323.0383.2315.2356.0469.
FISHER	2356.0469.2319.2391.	FORNENTI	0277.0323.0383.2315.2356.0469.	FRONTTECH	2315.
FLINT	0323.	FRONTTECH	2315.	FST	0169.
FORGSTONE	0169.2317.0404.0378.0320.2356.0272.	FST	0169.	FUJITSU	0272.
FORNENTI	0277.0323.0383.2315.2356.0469.	FUJITSU	0272.	FUNAI	0478.0272.0372.
FRONTTECH	2315.	FUNAI	0478.0272.0372.	FUTURETECH	0271.2351.2328.2358.0272.0372.0383.2356.0323.
FST	0169.	FUTURETECH	0271.2351.2328.2358.0272.0372.0383.2356.0323.	GALAXI	0277.0323.2356.0383.0469.
FUJITSU	0272.	GALAXI	0277.0323.2356.0383.0469.	GALAXY - GALAXIS	0272.
FUNAI	0478.0272.0372.	GALAXY - GALAXIS	0272.	GBS	2315.0372.0383.
FUTURETECH	0271.2351.2328.2358.0272.0372.0383.2356.0323.	GBS	2315.0372.0383.	GE	0169.
GALAXI	0277.0323.2356.0383.0469.	GE	0169.	GEANT	0460.0169.2356.
GALAXY - GALAXIS	0272.	GEANT	0460.0169.2356.	GENC	0372.
GBC	2315.0372.0383.	GENC	0372.	GELOSO	2315.0372.
GE	0169.	GELOSO	2315.0372.	GENERAL	0323.2315.0271.0430.0272.
GEANT	0460.0169.2356.	GENERAL	0323.2315.0271.0430.0272.	GENERAL ELECTRIC	0212.
GENC	0372.	GENERAL ELECTRIC	0212.	GOLDHAND	0272.
GELOSO	2315.0372.	GOLDHAND	0272.		0372.2329.

LUMA	2351.	0430.0472.0169.	POM	0277.	2315.
LUXON	2351.0272.0372.	0323.0344.2351.0469.0169.2356.	PENTASONIC	2315.	0395.0169.0404.0345.0453.0377.
LUXTRON	0469.2384.2356.0280.	041.0212.0383.	PENTAX	0344.	0353.2315.2351.0277.2325.
MACROM	0277.0547.0430.	0277.2315.	PHILO	0323.0272.	2329.0372.2315.
MAGAVOX	0460.0540.0341.0333.0275.2325.	0372.0323.2328.2351.0272.	PHILCO	0430.0212.0272.0169.2356.0463.	0272.
MAGADYNE	0212.0272.2367.1463.	2315.2356.0383.0372.0469.	PHOENIX	0275.0333.0341.0460.0540.	0272.2392.0212.0277.0372.
MAGNASONIC	0169.2356.0277.	0277.0383.2315.2356.0469.	PHONOLA	1463.2325.2367.	0383.0460.0533.
MANESTH	2356.2319.2391.0169.	0169.0455.2301.0404.0395.	PIA/SONIC	0460.0540.0341.0333.2325.	0372.0169.0404.0455.0537.0395.
MARANTZ	0272.0372.0271.	2335.0537.0320.2360.	PORTLAND	0272.360.2321.	0372.0383.
MARECH	0460.0341.0333.0277.	0395.0169.0455.0320.0404.	PRINZ	0341.0169.0344.0460.	0372.0383.
MARTA	0277.	1045.2335.2355.2360.	PROCYON	0533.0383.0277.2315.	2351.0320.2360.2321.
MATCH/ITALIA	0533.	0395.0169.0404.0345.0453.0377.	PROFLINE	0195.	0460.0169.2356.
MATSUI	0533.0383.0277.0323.2351.2328.	0383.0533.2315.2351.2325.	PROSCCO	0460.0540.0341.0333.0275.2325.	0345.2359.0469.2356.2319.
MAGNASONIC	0277.	2388.0469.	PYE	0272.0372.0341.	0169.2384.0353.0280.
MAXELL	2356.	0460.0169.2356.0469.	QUALCRAFT	0272.0372.0533.	0277.0272.
MAXIMAL	0460.0540.0341.0333.2325.	0460.0540.0341.0333.0275.2325.	QUARTZ	0460.0540.0341.0333.2325.	0460.0169.2356.
MC MICHAEL	0272.0272.2367.1463.	0212.0272.2367.1463.	QUEENFIDELITY	0275.0212.0272.2367.1463.	0372.0169.0353.0323.2305.
MEDION	0341.	0272.	QUELLE	0275.0212.0272.	2356.0469.0402.
MELTECHRONIC	0277.	0323.0372.0280.2315.	QUESTAR	2315.0533.0383.0537.2388.	0383.0277.2356.
MEMOREX	0277.	0272.	RADIALVA	0341.0271.0277.	0323.2377.2351.0195.2328.
MERJURY	0277.	0272.	RADIOLA	0460.0540.0341.0333.0275.	0460.0540.0341.0333.2325.
METZ	0277.	0272.	RADIONETTE	0212.0272.2367.1463.2325.	0275.0212.0272.2367.1463.
MEX	0353.	0383.	RADOMARELLI	2356.0169.0277.	0272.2396.0323.0277.0533.0469.
MIGRO ELECTR	0430.0277.0272.	0323.2377.2351.0195.2328.	RANK / RBM	0372.	0169.0212.0272.0275.0277.0333.
MINERVA	0377.0381.0465.0460.2371.0275.	0460.2372.	RANK APRENA	0169.	0341.0344.0372.0395.0460.0533.
MINOLTA	0344.0169.	2315.	REALISTIC	0277.0272.0212.	0540.1463.2319.2325.2367.
MISTRAL	0169.2317.0404.0455.0378.	0277.0272.0372.	REDO	0383.0381.	0540.1463.2319.2325.2367.
MITSUBISHI	0320.2356.0272.	0277.0372.			0540.1463.2319.2325.2367.
MONEX	0533.2384.2386.0353.0527.0460.	0383.			0540.1463.2319.2325.2367.
MOTION	0277.0169.0344.0212.0323.2315.	0383.			0540.1463.2319.2325.2367.
MTC	0272.2315.0372.0383.2329.	0169.0272.2328.2319.0372.			0540.1463.2319.2325.2367.
MURPHY	0212.0272.	0323.0272.0277.			0540.1463.2319.2325.2367.
NAKAMURA	0272.	0272.			0540.1463.2319.2325.2367.
NAKONIN	0395.0169.0404.0377.0533.2315.	0383.			0540.1463.2319.2325.2367.
NARITA	2351.0277.2325.2388.0383.	0277.0383.			0540.1463.2319.2325.2367.
	0533.	0537.0320.2360.			0540.1463.2319.2325.2367.

SENTRA	2315.0277.0372.	0345.	TOWADA	0372.2329.0272.	YOCAN	0372.
SETRON	0372.2315.	0272.0212.	TOWIKA	0372.	YOKO	0277.0372.2329.0212.2315.
SHARP	0272.0330.0277.0348.	0277.0383.0372.0212.2364.	TRACK	0280.	YOSHITA	0372.
SHINKO	0272.0372.	2384.0345.0272.	TRANSION	0345.	ZANELA	0272.0372.
SHINTOM	0469.0372.0272.	2384.0345.0272.	TRIUMPH	2351.	ZANUSSI	0395.0169.0404.0453.0377.0533.
SHIVAKI	0277.2364.	0212.	TSCSHI	0372.		2315.2351.0345.0277.2325.
SHIWAN	0372.	2328.2351.	TTR	0169.		0383.2388.
SICANTIC	2384.0469.2356.0280.	0277.0372.	TVA	0169.		0277.0383.
SILVA	0377.2319.2356.0469.0381.	0333.0272.0372.	TWINNER	0372.		
SILVER	2315.0277.2319.0430.	0272.0169.2305.	ULTRAVOX	0372.		
SIMATEC	0393.2356.	0272.0169.	UNIC RADIO	0381.0383.		
	0323.2377.2351.0195.2328.	0372.0469.0383.0271.2315.	UNITED	0372.0272.		
	0460.0272.2372.	0341.0169.	UNIVERSUM	0275.2356.0372.2351.0169.2395.		
SIMKO	0272.	0277.		0275.2356.0372.2351.0169.2395.		
SINGER	0271.2356.0212.	0277.		2319.2328.0656.0341.0280.0344.		
SINUDYNE	0341.0323.2372.2351.0460.	0275.		0430.0323.0212.0277.		
SKANTIC	2384.0469.2356.0280.	0272.				
SOLAVOX	2315.	0383.0277.0430.0323.	UNIVIDEO	2315.		
SONAMEX	0272.	0169.	URANIA	0277.0272.		
SONITRON	0277.2356.2319.	0169.2301.0395.2335.0637.0404.	URANYA	0383.0277.2356.		
SONOIRO	0372.	0455.0320.2360.	VECTOR RESEARCH	0430.0212.		
SONTEC	0277.0383.	0169.0320.2360.0395.0404.0455.	VEXA	0533.0383.		
SONY	2356.2369.0665.0458.2387.	0533.	VICTOR	0404.0169.		
	0494.0485.0402.2202.	0372.0277.0463.	VIDAR	2356.		
SPECIAL	0277.0323.0393.2315.2356.	2319.0469.0372.0169.0275.0277.	VIDEO ELECTR. CLUB	2356.		
SPEARL GENEXXA	0212.0463.0271.0453.2356.	0272.0277.0463.	VIDEO MASTER	2315.		
SSANGYONG	0478.0272.0372.	2315.2356.	VIDEO TECHNIK	0315.0372.		
SSS	0272.	0212.	VIDION	0383.		
STAG	0272.	0272.	VITAL	0169.2317.0455.0404.0378.0320.		
STANDARD	2315.	0272.	VISTA	2356.0272.		
STARLITE	2329.0372.2315.	2329.0372.0272.2325.2319.2328.2319.	WATSON	0460.		
STARFURI	0395.0169.0404.0345.0453.0377.	0404.2380.	WATT RADIO	0383.		
STERN	2388.0383.	0169.2317.0455.0404.0395.0378.	WEGA VISION	0065.		
	0533.2315.2351.0277.2325.	0320.2356.0272.	WELTBICH	0277.0383.		
STRONG	0272.	0372.0272.	WHITE WESTINGHOUSE	0453.		
STZ	0272.	0272.	WINDSTAR	2315.0469.0277.0383.2356.		
SUNAKI	0353.	0169.0455.2301.0404.0395.2335.	XENON	0383.0372.		
SUNSTAR	0320.	0537.0320.2360.	XONYCS	2351.2328.		
SUNTRONIC	0272.	0271.0169.2365.0467.	YAMAHA	0169.0430.		
SUNWOOD	0372.	0277.0212.	YAMISHI	372.		

HORIZONT	3049.3043.3042.3050.3034.	SHARP	3048.
JEC	3117.3121.3016.3045.	SIMATEC	3004.
KAUSHO	3144.	SONY	3063.
KENWOOD	3140.	SPHINX	3042.3035.3034.
KRIESLER	3080.	SSANGYONG	3140.
KUJO	3049.3043.3042.3050.3034.3117.3121.3016.3045.	SUPERSONIC	3016.
LG	3101.3010.3023.3024.3056.	TECHNICS	3015.
LINN	3044.	TELEFUNKEN	3017.3016.3005.3097.3094.
LOVE	3035.3042.	TEVION	3017.3097.
LYOTRON	3147.3148.3017.3103.3105.3097.3104.3016.	TOSHIBA	3144.
MAGAVOX	3044.	UNIVERSUM	3048.
MARANTZ	3049.3043.3042.3050.3034.3117.3121.3016.3045.	VIDEO III	3036.
MC MICHAEL	3042.3035.3049.		
METRONIC	3049.3043.3042.3050.3034.3117.3121.3016.3045.	<b>TNT BrandsCODE</b>	
MINERVA	5026.	DISTRATEL	5029.5031.5032.5033.
NAD	3043.3035.3042.3050.3034.	DVR01	5065
NEC	3063.	MEDIAPRICE	5045.5046.5054.
NOKIA	3056.	METRONIC	5029.5031.5032.5033.5034.5040.5041.5042.5043.5046.5047.5055.5056.5057.5060.
OCTAN	3049.3043.3042.3050.3034.3117.3121.3016.3045.	NETGEM	5061.
ORION	3004.	NODA	5029.5032.5033.
PANASONIC	3015.	OTHER	5035.5036.5037.5038.5044.5046.5053.
PHILIPS	3049.3043.3042.3050.3034.3117.3121.3016.3045.	TAHINON	5029.5032.
PHONOLA	3049.3043.3042.3050.3034.3117.3121.3016.3045.		
PIONEER	3080.		
PROCYON	3049.3043.3042.3050.3034.3117.3121.3016.3045.		
PROVISION	3036.		
PYE	3049.3043.3042.3050.3034.3117.3121.3016.3045.		
QUEENFIDELITY	3022.		
QUELLE	3048.		
RADIOLA	3049.3043.3042.3050.3034.3117.3121.3016.3045.		
RCF	3114.		
REVOX	3035.		
SAMSUNG	3140.		
SANSUI	3005.3035.3016.3020.3022.		
SANWA	3101.3010.3023.3024.3056.		
SANYO	3101.3010.3023.3024.3056.		
SAVILLE	3004.		
SBR	3049.3043.3042.3050.3034.3117.3121.3016.3045.		
SCHNEIDER	3049.3043.3042.3050.3034.3117.3121.3016.3045.		
SEARS	3101.3010.3023.3024.3056.		
SEPTIMO	5026.		