FOR EASY REFERENCE, RECORD YOUR 3-DIGIT CODES HERE

TV _____

DVD _____

VCR _____

VCR/DVD COMBO _____

LASER DISC(DVD)/PVR/DVR _____

CABLE _____

SATELLITE _____

TV/VCR; TV/DVD _____

INNOVAGE™
PRODUCTS

KEEP THIS INSTRUCTION MANUAL AS IT CONTAINS IMPORTANT INFORMATION.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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INNOVAGE™
PRODUCTS

Jumbo Universal Remote

OPERATION MANUAL

INTRODUCTION

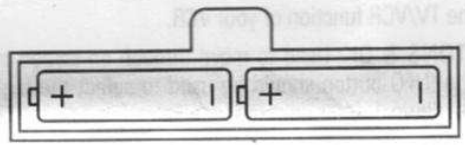
This Universal Remote Control can operate up to eight types of devices, including: Televisions (TV), Video Cassette Recorders (VCR), and Digital Video Disc (DVD) player, Cable and Satellite (SAT).

See the diagram on Page 2 to familiarize yourself with the features of this remote control. You may also need to review the operating manuals of your original remotes to refresh yourself on the functions of those units.

BATTERY INSTALLATION

1. Remove the cover from the battery compartment, which is located on the back of the unit.
2. Insert two "AA" size alkaline batteries (not included) according to the diagram inside the battery compartment and replace the battery compartment cover.
3. Press the ON/OFF button, the LED should illuminate, if it doesn't, reset the batteries and try again.

Requires 2 "AA" batteries (not included).



BATTERY WARNING:

- Do not mix alkaline, standard (carbon-zinc) and rechargeable batteries (Nickel Metal Hydride).
- Do not mix old and new batteries.
- Non-rechargeable batteries are not to be recharged.
- Rechargeable batteries are to be removed from the item before being charged (if removable).
- Rechargeable batteries are only to be charged under adult supervision (if removable).
- Exhausted batteries should be removed immediately and must be recycled or disposed of properly according to state or local government ordinances and regulations.
- The supply terminals are not to be short-circuited.
- Only batteries of the same or equivalent type as recommended are to be used.
- Batteries are to be inserted with the correct polarity (see diagram).
- Do not dispose batteries in a fire - batteries may leak or explode.

BUTTON DESCRIPTIONS

CODE SEARCH: Used to program the remote or to search through codes.

SIGNAL INDICATOR LIGHT (LED): The Indicator Light flashes to show that the remote is working properly.

ON/OFF BUTTON: Operates the same as your original remote Note: Some RCA, GE and ProScan models require you to press the device button to turn the device on and the ON/OFF button to turn the device off.

SLEEP: Allows you to set a time for you to turn off your device automatically.

GUIDE: Brings up the on-screen TV program guide if your device has that feature.

MENU: Brings up the Main Menu. If you are already in the menu system, press SELECT to select a highlighted choice. Use the arrow buttons to move through the Menu Selections.

GO BACK: Allows you to go to the previous channel you selected. Operates the same as Last Channel, Previous Channel, or Recall button on your original remote.

MUTE: Mutes volume on the TV.

CABLE, TV, VCR, DVD, SAT: Used to select the device you want to control.

0-9: The number buttons operate the same as on your original remote, and are used for entering device codes.

ENTER: Used to complete channel selection for some brands of TV. It is also used to complete the code entry process.

TV/VCR: Operates the TV/VCR function of your VCR.

NAVIGATION BUTTONS & OK: Used to move through on screen menu and guides. With some DBS models the INFO button should be used to select the highlighted item. Use the navigation buttons up, down, left, or right to make selection.

VOL & CH: The VOL (Volume) and CH (Channel) buttons increase or decrease the volume or channel numbers.

REVERSE, PLAY, FORWARD, REC, STOP, PAUSE: These buttons are for DVD/VCR/DVR use, and operate the same as on your original VCR or remote. You must press the REC button twice to begin recording.

INPUT: Selects the video inputs of your TV if equipped with this feature.

INFO: Shows the date and the time if your TV or VCR has that feature. Functions the same as a Display button.

CLEAR: Removes the on screen display to return to normal viewing.

CODE INPUT SETTING:

You will need the list of codes to manually select and input the correct codes to your specific device.

1. Turn on the device that you want to set.
2. Look for the brand name under the specific device listing provided.
   (Note: You will notice that some brands will have more than one 3-digit code. During the code input process, you may have to try more than one 3-digit code that will match your device brand and model.)
3. Aim the remote control at the device and press down and hold CODE SEARCH button for at least 3 seconds until the red LED lights up solid red.
4. Press the device button for the item you wish to program, e.g. TV, DVD, VCR, etc. and the LED light will blink once and then remain solid red.
5. Using the number keys, enter the 1st set of 3-digit codes from the list. You will notice that each number that you press, the LED will blink once. After you have entered the 3rd digit, the red LED will turn off indicating that the code was recognized for the device. (NOTE: If the code entered was not compatible, the red LED will flash several times. You will then need to repeat Step 3. You have 30 seconds to enter a code.)
6. After the red LED light has turned off. Press the ON/OFF key. If the device you are trying to program powers off, then you have found the correct code. If the device does not power off, then you will need to repeat the process again from Step 3, using another 3-digit code.
7. Make a note of the 3-digit code for future use.

CODE SEARCH SETTING:

This is an alternative method to programming your device without using the code list. The remote control will scroll through the list of codes to identify the correct code for your device.

1. Turn on the device that you want to set.
2. Aim the remote control at the device and press and hold down the CODE SEARCH button for at least 3 seconds until the red LED lights up solid red.
3. Press the device button for the item you wish to program, e.g. TV, DVD, VCR, etc. and the LED light will blink once and then remain solid red.
4. Press ON/OFF button on remote slowly and repeatedly until the device you are trying to program shuts off. (Note LED will blink once each time you press ON/OFF button)
5. Once this occurs, press ENTER button to store the code and the LED light will turn off.

SLEEP SETTING:

This feature will automatically turn off your TV after the set specified time.

1. Press and hold SLEEP button for 3 seconds until the LED light turns to solid on.
2. Enter using the number keys a 2-digit time in minutes in range of 01 ~ 99. Once you have entered the 2 digit time, the LED will turn off and the timer will begin.
3. Make sure the remote control is pointed in the direction of the device.
4. To cancel this function:
   a) either press ON/OFF button once or
   b) press and hold SLEEP button for at least 3 seconds until LED flashes once.

CODE RETRIEVAL:

This feature can help you to find out what the 3 digit code that is currently stored in your "Innovage Jumbo Universal Remote" for a specific device without having to reference the code list manual.

1. Press and hold down the CODE SEARCH button for at least 3 seconds until the red LED lights up solid red.
2. Press the device button , e.g. TV, DVD, VCR, etc. and the LED light will blink once and then remain solid red.
3. Press each of the number buttons 0~9 until the LED blinks once. This will signify the 1st number in the 3-digit code for the device that is programmed in your remote control.
4. Repeat same process to find the 2nd and 3rd digit for the 3-digit code.
5. Once you have found the 3rd digit the LED will turn off.

TV CODE LIST

ABEX	185
ACME	039, 050
ADA	007, 008
ADC	003
ADMIRAL	001, 173
ADVENTURA	174
AIKO	058
AIWA	195, 196
AKAI	002
ALLERON	051
AMARK	020
AMTRON	053
AMSTRAD	189
ANANATIONAL	003, 025, 042, 053, 193
AOC	004, 005, 007, 009, 014, 132, 156, 175
APEX	214
ARCHER	020
AUDIOVOX	053
BANG & OLUFSEN	190
BELCOR	004
BELL & HOWELL	000, 001, 049
BRADFORD	053
BROKSONIC	136, 147
BROKWOOD	004
CANDLE	004, 008, 009, 174
CENTURION	009
CAPEHAPT	175
CENLEBRITY	002
CENTURION	009
CETRONIC	042
CHANGHONG	214
CITIZEN	001, 004, 008, 009, 042, 053, 058, 105, 109, 177
CLQIRTONE	014
CLASSIC	042, 214
COLORTYME	004, 009, 010
CONCERTO	004, 009
CONCIEREG	121
CONTEC/CONY	012, 013, 014, 042, 053
CRAIG	042, 053
CROWN	042, 053
CXC	042, 053
DAEWOO	004, 005, 009, 017, 018, 019, 042, 058, 082, 085, 097, 100, 126, 127, 130, 138
DAYTRON	004, 009
DIMENSIA	000, 031
DUMONT	004, 121
DYNASTY	042
ELEKTRA	001
ELECTROBAND	002, 014
ELECTROHOME	003, 004, 009, 022, 133
EMERSON	004, 009, 014, 023, 024, 025, 035, 036, 037, 038, 039, 040, 041 042, 043, 045, 049, 051, 053, 116, 135, 147, 155, 177, 179, 189, 198
ENVISION	004, 009
FISHER	013, 049, 180, 209
FUJITSU	051, 197
FUNAI	042, 051, 053, 155, 189, 198
FUTURETEC	042, 053
GE	000, 003, 004, 009, 015, 022, 031, 044, 052, 054, 055, 087, 092, 103, 107, 125, 164
GIBRALTER	004, 121
GRUNDY	051, 053
HALLMARK	004, 009
HARVARD	053
HITACHI	001, 004, 009, 013, 059, 060, 061, 088, 091, 137, 139, 140, 141, 142, 143, 144, 145, 146, 179, 210
HAIER	216, 217
IMA	053
INFINITY	062
INTEQ	121
JANEIL	174
JBL	062
JCB	002
JC PENNY	000, 004, 005, 008, 009, 015, 022, 030 031, 052, 054, 055, 087, 105, 107, 109, 172
JENSEN	004, 009
JVC	013, 054, 055, 060, 065, 067, 089
KAWASHO	002, 004, 009
KAYPANI	175
KEC	042
KENWOOD	004, 009
KLOSS NOVABEAM	068, 069, 174
KTV	014, 021, 042, 053, 070, 116, 177
LG (GOLDSTAR)	004, 005, 009, 056, 057 155, 156, 172
LODGENET	000, 001
LOEWE	062, 211
LOGIK	000, 001
LUXMAN	004, 009

TV CODE LIST (cont.)

LXI	000, 004, 009, 015, 031 049, 062, 107, 109
MEGATRON	009, 059
MAGNAVOX	004, 008, 009, 062, 068 069, 074, 075, 077, 089 163, 165
MAJESTIC	000, 001
KONKA	016, 047, 066, 157, 148, 176
MARANTZ	004, 009, 062
MEGATRON	004, 009, 059
MEI	014
MEMOREX	000, 001, 004, 009, 049, 051, 135
MGA	004, 005, 009, 022, 051, 180
MIDLAND	015, 054, 055, 107, 121, 172
MINUTZ	052
MITSUBISHI	004, 005, 009, 022, 051, 081, 089, 132, 180
MONTGOMERY WARD	000, 001
MOTOROLA	003, 173
MTC	004, 005, 009, 014, 105, 109
MULTITECH	053
MULTIVISION	084
NAD	004, 009, 109, 185
NEC	003, 004, 005, 009, 010, 085, 089, 095
NIKEI	042
NIKKO	004, 009, 058
NTC	058
ONKING	042
ONWA	042, 053
OPTIMUS	170, 185
OPTONICA	095, 173
ORION	035, 121, 135
PANASONIC	003, 054, 055, 062, 070, 148, 170, 171
PHILCO	003, 004, 005, 008, 009, 062, 068, 069, 074, 075, 077
PHILIPS	003, 004, 006, 008, 062, 068, 069, 074, 075, 077, 086, 087, 089, 163, 183, 184, 205, 206, 207, 208 212, 213
PILOT	004
PIONEER	004, 009, 090, 179, 185
PORTLAND	004, 005, 009, 058
PRICE CLUB	105
PRECISION	166
PRISM	055
PROSCAN	000, 015, 031, 107
PROTON	004, 009, 093, 175, 186, 192
PULSAR	121
PULSER	004
QUASAR	003, 054, 055, 062, 070, 148, 170, 171
RADIO SHACK	000, 004, 009, 031, 041, 042, 048, 049, 053, 095, 155, 170, 172, 194
REALISTIC	000, 004, 009, 031, 041, 042
RCA	000, 003, 004, 005, 007, 009, 011, 015, 048, 082, 092, 094, 096, 098, 101, 102, 103, 107, 113, 125, 129, 167, 179, 187, 188, 191, 194
RHAPSODY	014
RUNCO	121
SAMPO	004, 009, 046, 172, 175
SAMSUNG	004, 005, 009, 015, 104 105, 106, 109, 172
SAMSUX	009
SANSUI	135, 136
SANYO	004, 013, 049, 108, 110, 180, 209
SCOTCH	004, 009
SCOTT	004, 009, 024, 035, 042, 051, 053
SEARS	000, 004, 009, 013, 015, 031, 049, 051, 105, 107, 109, 110, 180, 189
SPELTRAVISION	203
SHARP	004, 009, 079, 095, 111, 112, 114, 122, 123, 124, 173
SHOGUN	004
SIGNATURE	000, 001, 023
SIMPSON	008
SONIC	014
SONY	002, 006, 071, 128
SOUNDESIGN	004, 008, 009, 042, 051, 053
SQUAREVIEW	189
SSS	004, 042, 053
STARLITE	053
SUPRE-MACY	174
SUPREME	002

TV CODE LIST (cont.)

SYLVANIA	004, 008, 009, 062, 068, 069, 074, 075, 077, 155, 161,163, 189, 198
SYMPHONIC	033, 053, 155, 189, 198
TANDY	173
TATUNG	003
TECHNICS	054, 055
TECHWOOD	004, 009, 054, 055
TEKNIKA	000, 001, 004, 005, 008, 009, 013, 042, 051, 053, 058, 105, 109, 170, 174
TELECAPTION	117
TELERENT	000, 001
TERA	004, 186
TMK	004, 009
TOSHIBA	013, 049, 089, 105, 109, 117, 118, 120, 159, 178
UNIVERSAL	052, 087
VICTOR	060
VIDTECH	004, 005, 009
VIKING	174
WARDS	000, 001, 004, 005, 008, 009, 024, 031, 033, 051, 052, 062, 068, 069, 074, 075, 087, 095, 119
WHITE WESTINGHOUSE	097, 100, 130, 155
YAMAHA	004, 005, 009
ZENITH	000, 001, 004, 023, 038, 058, 059, 064, 073, 121, 135, 136, 153

DVD CODE LIST

*See Page 9 for additional DVD options.

AIWA	189
AKAI	170
AMES	206
APEX	165, 166, 167, 199, 205, 220, 232, 234
A-TREND	168
CLASSIC	206
CYBERHOME	168
DAEWOO	215, 216, 219
DENON	175, 196
DIGITREX	220
ELTA	209, 210
EMERSON	171, 231, 233
FISHER	191
FUNAI	231, 233
GE	184, 205
GOLDSTAR	171
GO-VIDEO	182, 201
GRADIENTE	190
HARMAN/KARDON	202
HITACHI	179, 194
HITEKER	220
INTEGRA	197
JVC	181, 193
KENWOOD	175, 204
KLH	205
KONKA	185, 186, 187, 188
KOSS	190
LASONIC	229
LG	171
MAGNAVOX	173, 183
MARANTZ	171, 173, 183
MICROSOFT	178
MINTEK	205
MITSUBISHI	177
MUSTEK	206
NAD	171, 208
NAKAMICHI	207
ONKYO	197
OPTIMUS	179
ORITRON	190
PANASONIC	175
PHILIPS	173, 183, 198
PIONEER	179
PROLINE	190
PROSCAN	184
RADIOSHACK	218, 224, 228
REOC	226
RCA	178, 184, 205, 218, 224, 228
SAMSUNG	182, 230
SAMPO	192
SANYO	191
SEG	203
SHARP	172
SHERWOOD	200
SHINCO	205
SONY	009, 174
SYLVANIA	231, 233
SYMPHONIC	231, 233
TEAC	179
TECHNICS	175
TEVION	221, 223, 225, 226, 227
THETA DIGITAL	179
TOSHIBA	173, 211, 222
WHARFEDALE	217
YAMAHA	175, 195
YAMAKAWA	213
ZENITH	171, 180, 212

VCR CODE LIST

ADMIRAL	001
ADVENTURA	026
AIKO	027
AIWA	002, 020, 026, 044
AKAI	003, 004, 005, 006, 008, 029, 111, 112
ALLEGRO	018, 022, 104
AMERICAN HIGH	021, 060
ASHA	134
AUDIO DYNAMICS	009, 123
AUDIOVOX	014
BELL & HOWELL	043
BEAUMARK	134
BROKSONIC	012, 025, 031, 064, 085
CALIX	014
CANDLE	009, 014, 015, 016, 017, 019, 134
CANNON	021, 060, 114, 115
CAPEHART	104
CARVER	062
CCE	027, 061
CITIZEN	009, 014, 015, 016, 017, 019, 027, 134
COLORTYME	009
COLT	061
CRAIG	014, 036, 074, 134
CURTIS-MATHES	000, 002, 009, 016, 021 024, 060, 109, 115, 133, 134
CYBERNEX	134
DAEWOO	015, 017, 019, 025, 026, 027, 028, 054, 109
DBX	009, 123
DIMENSIA	000
DYNATECH	002, 026
ELECTROHOME	014, 029
ELECTROPHONIC	014
EMERSON	002, 006, 008, 012, 014, 015, 021, 024, 025, 026, 029, 030, 031, 032, 034, 036, 037, 038, 039, 040, 041, 043, 044, 045, 047, 060, 065, 105, 116, 134
FISHER	009, 023, 042, 043, 048, 049, 050, 062, 079
FUJI	004, 021, 060
FUNAI	002, 008, 026
GARRARD	026
GE	000, 021, 053, 060, 115, 117, 120, 134
GRADIENTE	026
GO-VIDEO	134, 143
HARLEY DAVIDSON	026
HARMAN KARDON	009, 068
HARWOOD	061
HEADQUARTER	043
HITACHI	002, 055, 057, 107, 111, 120, 122, 144,145
HI-Q	023
INSTANT REPLAY	008, 021, 060
INTEQ	014
JCL	021, 060
JC PENNEY	009, 014, 043, 055, 060 107, 123, 111, 115, 118, 134
JENSEN	055, 111
JVC	009, 022, 043, 111, 123, 151, 152
KENWOOD	009, 016, 043, 111, 123
KLH	061, 131
KODAK	014, 021, 060
LLOYD	002, 026
LOGIK	061
LXI	014
MAGNAVOX	021, 060, 062, 104, 106, 115, 124
MAGNIN	134
MARANTZ	009, 016, 021, 043, 060, 062, 064, 114, 123
MARTA	014
MASUSHITA	021, 060
MEI	021, 060
MEMOREX	001, 002, 014, 021, 023 026, 043, 060, 104, 112, 134
MGA	029, 065
MGN TECHNOLOGY	013
MIDLAND	053
MINOLTA	055, 107
MITSUBISHI	029, 051, 052, 055, 065, 066, 068, 069, 070, 071, 073, 074, 123
MONTGOMERY WARD	001, 075
MOTOROLA	001, 021, 060
MTC	002, 026, 134
MULTITECH	002, 026, 053, 061, 134
NEC	009, 016, 024, 043, 064 076, 077, 078, 111, 123
NIKKO	014
NOBLEX	134
OLYMPUS	021, 060
OPTIMUS	001, 014, 134, 136, 137, 138, 149

VCR CODE LIST (cont.)

OPTONICA	075, 134
ORION	031
PANASONIC	021, 060, 115, 125, 138, 148, 149
PENTAX	016, 055, 107, 120
PENTEX RESEARCH	009
PHILCO	021, 060, 062, 115
PHILIPS	021, 060, 062, 063, 075, 103, 106, 108, 124, 146, 153
PILOT	014
PIONEER	055, 080, 081, 123
PORTLAND	016, 017, 019
PROSCAN	000
PROTEC	061
PULSAR	104
QUARTER	043
QUARTZ	043
QUASAR	021, 060, 115, 125, 149
RCA	000, 003, 021, 055, 060, 082, 083, 084 086, 087, 088, 089, 090, 091, 107, 110, 115, 120, 125, 134, 137
RADIOSHACK	000, 001, 002, 014, 021 023, 026, 029, 043, 049 050, 060, 075, 112, 115 117, 134, 136, 137, 138
RADIX	014
RANDEX	014
RICOH	128
RUNCO	104
SAMSUNG	005, 015, 053, 055, 112, 129, 134
SANKY	001, 104
SANSUI	111, 123
SANYO	023, 042, 043, 079, 134
SCOTT	012, 015, 025, 032 038, 065, 093, 116
SEARS	014, 021, 023, 043, 048, 049, 050, 055, 060, 062, 107, 118
SHARP	001, 002, 017, 029, 075, 135, 136, 142
SHINTOM	004, 055, 061, 128, 132
SHOGUN	134
SIGNATURE	002
SINGER	021, 060, 061
SONY	004, 099, 128, 139, 140, 141, 147, 154, 155
STS	021, 055, 060, 107
SYLVANIA	002, 008, 026, 060, 062, 065, 115, 124, 231
SYMPHONIC	002, 008, 011, 026
TANDY	002, 043
TASHIKO	014
TATUNG	111
TEAC	002, 026, 111
TECHNICS	021, 060
TEKNIKA	002, 014, 021, 026, 060, 100
TOSHIBA	015, 049, 055, 062, 065, 093, 116
TOTEVSION	014, 134
TMK	024, 047, 134
UNITECH	134
VECTOR RESEARCH	009, 015, 016, 123
VICTOR	123
VIDEO CONCEPTS	009, 015, 016, 029, 123
VIDEOSONIC	134
WARDS	001, 002, 014, 015, 021, 023 026, 029, 055, 060, 061, 075 101, 107, 116, 134
WHITE WESTINGHOUSE	002, 008
XR-1000	021, 026, 060, 061
YAMAHA	009, 043, 111, 123
ZENITH	001, 004, 007, 010, 014, 018, 022, 056 058, 059, 085, 104, 119, 123, 128, 133, 145

VCR/DVD COMBO CODE LIST

GO-VIDEO	230
JVC	151
PHILIPS	183
SAMSUNG	230
SANYO	042, 191

ADDITIONAL DVD OPTIONS

LASER DISCS (DVD):

DENON	080
PIONEER	080
PROSCAN	083
RCA	083
SANYO	007
SONY	098
ZENITH	007

PVR/DVR CODE (DVD):

PANASONIC	148
PHILIPS	146
RCA	184
REPLAY TV	148
SONIC BLUE	148
SONY	147
TIVO	146, 147

CABLE CODE LIST

ABC	001, 002, 003, 004, 005, 006
ALLEGRO	064, 065
AMERICAST	067
ANTRONIX	009, 008
ARCHER	008, 009, 010, 011
CABLETENNA	008
CABLEVIEW	008
CENTURY	011
CITIZEN	011
COLOUR VOICE	012, 013
COMTRONICS	014, 015
CONTEC/CONY	016
EASTERN	017
GARRARD	011
GC ELECTRONICS	009
GEMINI	018, 019, 076
GE	089
GENERAL INSTRUMENT	003, 049, 051, 053, 054 058, 068, 069, 070, 071
HAMLIN	020, 021, 022
HITACHI	003
HYTEX	002
JASCO	011
JERROLD	001, 003, 004, 005, 018, 024, 049, 050, 051, 066, 068, 069
MAGNAVOX	025
MEMOREX	026
MOVIE TIME	002, 027
NSC	002, 027
OAK	002, 016, 029
PANASONIC	000, 048
PARAGON	026
PHILIPS	011, 012, 013, 019, 025, 030, 031, 032
PIONEER	033, 034, 038
PULSAR	026
RADIO SHACK	045, 065, 074
RCA	000, 047
REALISTIC	009
REGAL	022
REGENCY	017
REMBRANDT	003
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EMERSON	036	041
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	155	008
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FISHER	209	043
FUNAI	155	002
	155	008
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GE	102	117
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HITACHI	155	002
INFINITY	062	062
KONKA	157	187
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SYMPHONIC	155	002
	155	008
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TOSHIBA	178	115
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