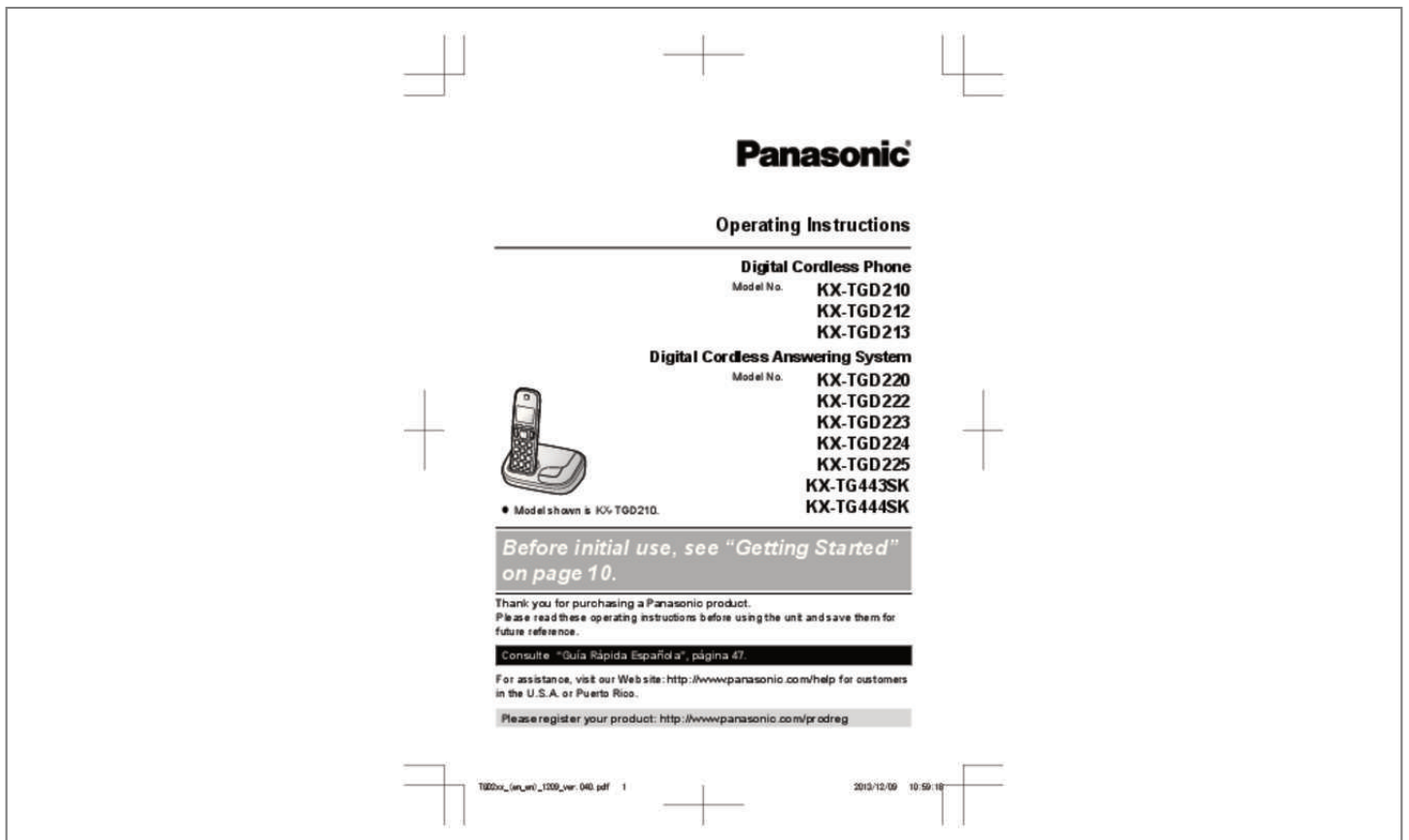




Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for PANASONIC KX-TGD220. You'll find the answers to all your questions on the PANASONIC KX-TGD220 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual PANASONIC KX-TGD220
User guide PANASONIC KX-TGD220
Operating instructions PANASONIC KX-TGD220
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Instruction manual PANASONIC KX-TGD220



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Manual abstract:

thank you for purchasing a Panasonic product. @@@@For assistance, visit our Web site: <http://www.panasonic.com/help> for customers in the U. S. Useful features during a call. @@@@Pdf 4 2013/12/09 10:59:18 Introduction Additional/replacement accessories Please contact your nearest Panasonic dealer for sales information (page 51). Accessory item Rechargeable batteries Order number HHR-4DPA*1 R To order, please visit <http://www.panasonic.com/batterystore> Battery type: – Nickel metal hydride (Ni-MH) – 2 x AAA (R03) size for each handset T-adaptor Range extender *1 *2 KX-J66 KX-TGA405*2 Replacement batteries may have a different capacity from that of the supplied batteries. By installing this unit, you can extend the range of your phone system to include areas where reception was previously not available.

This product can be purchased online. Com/RangeExtender Other information R Design and specifications are subject to change without notice. R The illustrations in these instructions may vary slightly from the actual product. Expanding your phone system Handset (optional): KX-TGDA20 You can expand your phone system by registering optional handsets (6 max.) to a single base unit.

R Optional handsets may be a different color from that of the supplied handsets. For assistance, please visit <http://www.panasonic.com> Pdf 5 2013/12/09 10:59:18 Important Information For your safety To prevent severe injury and loss of life/ property, read this section carefully before using the product to ensure proper and safe operation of your product. R Do not allow the AC adaptor or telephone line cord to be excessively pulled, bent or placed under heavy objects. Operating safeguards R Unplug the product from power outlets before cleaning.

do not use liquid or aerosol cleaners. R Do not disassemble the product. r Do not spill liquids (detergents , cleansers , etc.) onto the telephone line cord plug, or allow it to become wet at all. this may cause a fire. If the telephone line cord plug becomes wet, immediately pull it from the telephone wall jack, and do not use. WARNING Power connection R Use only the power source marked on the product. R Do not overload power outlets and extension cords. This can result in the risk of fire or electric shock. R Completely insert the AC adaptor/power plug into the power outlet.

Failure to do so may cause electric shock and/or excessive heat resulting in a fire. r Regularly remove any dust , etc. From the AC adaptor/power plug by pulling it from the power outlet, then wiping with a dry cloth. Accumulated dust may cause an insulation defect from moisture, etc. resulting in a fire. R Unplug the product from power outlets if it emits smoke, an abnormal smell, or makes an unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped emitting and contact us at <http://www.panasonic.com/contactinfo> R Unplug from power outlets and never touch the inside of the product if its casing has been broken open.

R Never touch the plug with wet hands. danger of electric shock exists. Medical R Consult the manufacturer of any personal medical devices, such as pacemakers or hearing aids, to determine if they are adequately shielded from external RF (radio frequency) energy. 93 GHz, and the RF transmission power is 115 mW (max.).

) R Do not use the product in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy. CAUTION Installation and location R Never install telephone wiring during an electrical storm. R Never install telephone line jacks in wet locations unless the jack is specifically designed for wet locations. R Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.

R Use caution when installing or modifying telephone lines. R The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the product and is easily accessible. Installation R To prevent the risk of fire or electrical shock, do not expose the product to rain or any type of moisture. R Do not place or use this product near automatically controlled devices such as automatic doors and fire alarms. Radio waves emitted from this product may cause such devices to malfunction resulting in an accident. Pdf 6 2013/12/09 10:59:18 Important Information R This product is unable to make calls when: – the handset batteries need recharging or have failed. □ there is a power failure. Important safety instructions When using your product, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following: 1. Do not use this product near water for example, near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement or near a swimming pool.

2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning. 3. Do not use the telephone to report a gas leak in the vicinity of the leak. 4. Use only the power cord and batteries indicated in this manual. Check with local codes for possible special disposal instructions. R Do not mix old and new batteries. R Do not open or mutilate the batteries.

Released electrolyte from the batteries is corrosive and may cause burns or injury to the eyes or skin. The electrolyte is toxic and may be harmful if swallowed. R Exercise care when handling the batteries. Do not allow conductive materials such as rings, bracelets, or keys to touch the batteries, otherwise a short circuit may cause the batteries and/or the conductive material to overheat and cause burns. R Charge the batteries provided with or identified for use with this product only, in accordance with the instructions and limitations specified in this manual.

R Only use a compatible base unit (or charger) to charge the batteries. Do not tamper with the base unit (or charger). Failure to follow these instructions may cause the batteries to swell or explode. Attention: For best performance Base unit location/avoiding noise The base unit and other compatible Panasonic units use radio waves to communicate with each other. R For maximum coverage and noise-free communications, place your base unit: – at a convenient, high, and central location with no obstructions between the handset and base unit in an indoor environment.

□ away from electronic appliances such as TVs, radios, personal computers, wireless devices, or other phones. □ facing away from radio frequency transmitters, such as external antennas of mobile phone cell stations. (Avoid putting the base unit on a bay window or near a window.) R Coverage and voice quality depends on the local environmental conditions. A nickel metal hydride battery that is recyclable powers the product you have purchased. Please call 1-800-8-BATTERY (1-800-822-8837) for information on how to recycle this battery.



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□ a MSELECTN R To cancel the conference: MMENUN a MbN: "Stop conference" a MSELECTN You can continue the conversation with the outside caller.
3 Intercom Intercom calls can be made between handsets.

Note: R When paging unit(s), the paged unit(s) beeps for 1 minute. R If you receive an outside call while talking on the intercom, you hear 2 tones. To answer the call with the handset, press N. MOFFN, then press M Making an intercom call 1 MINTERCOMN. When 3 or more handsets are registered: MbN: Select the desired unit.

A MSELECTN When you finish talking, press MOFFN. 2 Answering an intercom call 1 Press MINTERCOMN or M the page. Pdf 17 2013/12/09 10:59:19
Phonebook Key Character T t 9 0 # # W w U u X x 0 V v Y y 8 8 Z z 9 9 Phonebook You can add 100 names (16 characters max.) and phone numbers (24 digits max.) to the phonebook, and assign each phonebook entry to the desired group. Important: R All entries can be shared by any registered handset. 8 Adding phonebook entries 1 2 3 4 5 or MFN a MMENUN MbN: "Add new entry" a MSELECTN Enter the party's name. A MOKN Enter the party's phone number. a MOKN MbN: Select the desired group. A MSELECTN 2 times a MOFFN R To enter another character that is located on the same dial key, first press MEN to move the cursor to the next space.

R If you do not press any dial key within 5 seconds after entering a character, the character is fixed and the cursor moves to the next space. R in the above table represents a single space. Character table for entering names While entering characters, you can switch between uppercase and lowercase by pressing * (A@a). key 1 2 3 4 5 6 7 Character & - A a D d G g J j M m P p ' . B b E e H h K k N n Q q (/ C c F f I i L l O o R r) 1 2 2 3 3 4 4 5 5 6 6 S s 7 7 H , Storing a redial list number to the phonebook Phone numbers of up to 24 digits can be stored in the phonebook. 1 2 3 MEN REDIAL MbN: Select the desired phone number. A MSAVEN To store the name, continue from step 3, "Editing entries", page 19. Storing caller information to the phonebook 1 2 MCN CID MbN: Select the desired entry. R To edit the number: @@To search by group MGROUPO MbN: Select the desired group. a MSELECTN MbN: Scroll through the phonebook if necessary.

M N Groups Groups can help you find entries in the phonebook quickly and easily. You can change the names of groups assigned for phonebook entries ("Friends", "Family", etc.). By assigning different ringer tones for different groups of callers, you can identify who is calling (ringer ID), if you have subscribed to Caller ID service. A MOKN Edit the phone number if necessary.

A MOKN MbN: Select the desired group (page 19). A MSELECTN 2 times MOFFN Changing group names/setting ringer ID The default group name is "Group 1" to "Group 9". 1 2 3 4 or MFN a MMENUN Erasing entries Erasing an entry MbN: "Group" a MSELECTN MbN: Select the desired group. A MSELECTN To change group names MbN: "Group name" a MSELECTN a Edit the name (10 characters max.).

A MSAVEN To set group ringer tone MbN: Select the current setting of the group ringer tone. MMENUN a MbN: "Erase" a MSELECTN MbN: "Yes" a MSELECTN MOFFN Erasing all entries or MFN a MMENUN MbN: "Erase all" a MSELECTN MbN: "Yes" a MSELECTN MbN: "Yes" a MSELECTN MOFFN 5 Finding and calling from a phonebook entry 1 2 or MFN To scroll through all entries MbN: Select the desired entry. To search by first character Press the dial key (0 to 9, or #) which contains the character you are searching for (page 18). mbN: Scroll through the phonebook if necessary. Chain dial This feature allows you to dial phone numbers in the phonebook while you are on a call. This feature can be used, for example, to dial a calling card access number or bank account PIN that you have stored in the phonebook, without having to dial manually. 1 During an outside call , press MMENUN. For assistance, please visit <http://www>. Note: R If you edit a phonebook entry which is assigned to a speed dial key, the edited entry does not transfer to the speed dial key. Note: R When storing a calling card access number and your PIN in the phonebook as one phonebook entry, press MDN (Pause) to add pauses after the number and PIN as necessary (page 15).

R If you have rotary/pulse service, you need to press * (TONE) before pressing MMENUN in step 1 to change the dialing mode temporarily to tone. When adding entries to the phonebook, we recommend adding * (TONE) to the beginning of phone numbers you wish to chain dial (page 18). Editing an entry 1 2 3 4 5 Press and hold the desired speed dial key (1 to 9). a MMENUN MbN: "Edit" a MSELECTN Edit the name if necessary. A MOKN Edit the phone number if necessary. A MOKN MSELECTN a MOFFN Erasing an entry 1 Speed dial You can assign 1 phone number to each of the dial keys (1 to 9) on the handset.

Press and hold the desired speed dial key (1 to 9). A MMENUN MbN: "Erase" a MSELECTN MbN: "Yes" a MSELECTN MOFFN 2 3 4 Adding phone numbers to speed dial keys n By entering phone numbers: 1 Press and hold the desired speed dial key (1 to 9). A MADDN Viewing an entry/Making a call 1 2 Press and hold the desired speed dial key (1 to 9). To make a call, press M N 2 3 4 5 MbN: "Manual" a MSELECTN Enter the party's name (16 characters max.

). A MOKN Enter the party's phone number (24 digits max.). A MOKN MSELECTN a MOFFN n From the shared phonebook: 1 Press and hold the desired speed dial key (1 to 9). Pdf 20 2013/12/09 10:59:19 Programming Menu list To access the features, there are 2 methods.

N Scrolling through the display menus 1 MMENUN 2 3 4 Press MCN or MDN to select the desired main menu. A MSELECTN Press MCN or MDN to select the desired item from the next sub-menus. a MSELECTN Press MCN or MDN to select the desired setting. A MSAVEN n Using the direct command code 1 MMENUN a Enter the desired code. R In the following table, <> indicates the default settings.

R In the following table, indicates the reference page number. R Display menu order and sub-menu may vary depending on your model. Display menu tree and direct command code table Main menu: Operation Viewing the phonebook entry. Pdf 21 2013/12/09 10:59:19 Programming Sub-menu 1 Settings Sub-menu 2 Ring count*2 Settings 2-7 rings <4 rings> Toll saver 1 min <3 min> Greeting only*3 <111> <On> Off -- Code #211 33 Recording time*2 #305 34 Remote code*2 Screen call Answer on*2 Answer off*2 Main menu: Operation Listening to voice mail messages. Pdf 22 2013/12/09 10:59:19 Programming Sub-menu 1 Set date & time Sub-menu 2 Date and time*2 Alarm Once Daily <Off> <Caller ID auto> Manual <On> Off On <Off> -- <On> Off On <Off> -- <On> Off Level 1-4 <2> <On> Off <On> Off On <Off> Settings - Code #101 #720 13 25 Time adjustment*2, *4 Talking Caller ID*1 Handset Base unit*2 Handset name Call block*2 -- First ring*2 Block w/o num*2, *3 (Block calls without phone number) Speed dial Voice mail - Store VM access#*2 (VM: Voice mail) VM tone detect*2 LCD contrast (Display contrast) Key tone Caller ID edit (Caller ID number auto edit) Auto talk*7 --- #226 #162 #G162 #104 #217 #173 #240 - 28 27 26 26 26 #261 #331 #332 #145 #165 #214 20 35 35 -- 29 - #200 15 For assistance, please visit <http://www>.



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Pdf 23 2013/12/09 10:59:19 Programming Sub-menu 1 Set tel line Sub-menu 2 Set dial mode*2 Set flash time*2, *8 Settings Pulse <Tone> 900 ms <700 ms> 600 ms 400 ms 300 ms 250 ms 200 ms 160 ms 110 ms 100 ms 90 ms 80 ms A <On> Off -- <English> Español <English> Español Code #120 #121 14 16 Set line mode*2, *9 Call sharing*2 Registration Change language – Register handset Deregistration*3 Display Voice prompt*1, *2 Main menu: Operation Displaying customer support Web address. *1 *2 *3 *4 “Customer support”#122 #194 #130 #131 #110 #112 – 16 27 27 13 13 Code #680 – *5 *6 *7 KX-TGD220 series: page 3. If you program these settings using one of the units, you do not need to program the same item using another unit. This menu is not displayed when scrolling through the display menus. It is only available in direct command code.

This feature allows the unit to automatically adjust the date and time each time caller information including date and time is received. To turn this feature on, select “Caller ID auto”. To turn this feature off, select “Manual”. (Caller ID subscribers only) To use this feature, set the date and time first (page 13). If you subscribe to a distinctive ring service (such as IDENTA-RING), select a tone (tone 1 to 2). If you select a melody, you cannot distinguish lines by their ringers. The preset melodies in this product (“Tone 3” - “Tone 5”, “Melody 1” - “Melody 10”) are used with permission of © 2012 Copyrights Vision Inc. If you subscribe to a Caller ID service and want to view the caller’s information after lifting up the handset to answer a call, turn off this feature. For assistance, please visit <http://www.pdf24.com>

Pdf 24 2013/12/09 10:59:19 Programming *8 *9 The flash time depends on your telephone exchange or host PBX. contact your PBX supplier if necessary. The setting should stay at “700 ms” unless pressing MFLASHN fails to pick up the waiting call. Generally, the line mode setting should not be changed. This setting automatically maintains receiver volume at the proper level depending on the current telephone line condition. Set the line mode to “A” if telephone line condition is not good.

Alarm An alarm sounds at the set time for 3 minutes once or daily. Alarm can be set for each handset. @@Silent mode Silent mode allows you to select a period of time during which the handset and/or base unit will not ring for outside calls. This feature is useful for time periods when you do not want to be disturbed, for example, while sleeping. Silent mode can be set for each unit.

@@R We recommend turning the base unit ringer off (page 15) in addition to turning the silent mode on. R If you have set the alarm, the alarm sounds even if the silent mode is turned on. An alarm sounds once at the set time. An alarm sounds daily at the set time. Enter the desired hour and minute you wish to start this feature. *: Select “AM” or “PM”. A MOKN Enter the desired hour and minute you wish to end this feature. *: Select “AM” or “PM”. MSAVEN a MOFFN 3 4 5 6 Enter the desired month and date. A MSELECTN R We recommend selecting a different ringer tone from the one used for outside calls.

MSELECTN a MOFFN 3 4 5 6 7 7 Note: R To stop the alarm, press MOFFN or place the handset on the base unit or charger. R When the handset is in use, the alarm will not sound until the handset is in standby mode. Changing the start and end time 1 2 MMENUN#237 Continue from step 3 “Turning silent mode on/off”, page 25. For assistance, please visit <http://www.pdf25.com>

Pdf 25 2013/12/09 10:59:19 Programming Call block This feature allows the unit to reject calls when: – the unit receives a call from a phone number stored in the call block list as unwanted (“Storing unwanted callers”, page 26). □ the unit receives a call without phone number (“Blocking incoming calls that have no phone number”, page 26). When a call is received, the unit rings briefly*1 while caller information is being received. If the caller’s phone number matches an entry in the call block list, the unit emits no sound to the caller, and disconnects the call. (Caller ID subscribers only) *1 This is called first ring. If you do not want the first ring to sound, turn this setting to “Off” (page 26).

Important: R Rejected calls are logged in the caller list. 8 MSAVEN a MOFFN n By entering phone numbers: MMENUN#217 MMENUN a MbN: “Add” a MSELECTN Enter the phone number (24 digits max. MSAVEN a MOFFN 1 2 3 4 Blocking incoming calls that have no phone number You can reject calls when no phone number is provided, such as private callers or out of area calls. 1 2 MMENUN#240 MbN: Select the desired setting. A MSAVEN a MOFFN Setting the first ring for the call block list If you do not want the first ring from a number on the call block list to sound, turn the first ring setting to “Off”. the default setting is “On”. Storing unwanted callers You can store up to 60 phone numbers in the call block list. important: R We recommend storing 10 digits (including the area code). If only 7 digits are stored, all numbers that have the same last 7 digits will be blocked. N From the caller list: 1 2 MMENUN#173 MbN: Select the desired setting.

a MSAVEN a MOFFN 1 2 MCN CID MbN: Select the entry to be blocked. R To edit the number: MMENUN a MbN: “Edit” a MSELECTN Press MEDITN repeatedly until the phone number is shown in the 10-digit format. MMENUN MbN: “Save CID” a MSELECTN MbN: “Call block” a MSELECTN MbN: “Yes” a MSELECTN Edit the phone number if necessary (24 digits max.). Viewing/editing/erasing call block numbers 1 2 3 MMENUN#217 MbN: Select the desired entry. A MSAVEN a MOFFN To erase a number: MERASEN a MbN: “Yes” a MSELECTN a MOFFN Note: R When editing, press the desired dial key to add, MCLEARN to erase. R When viewing, “Block w/o num” is displayed if the blocking incoming calls For assistance, please visit <http://www.pdf26.com>

10:59:19 Programming without phone number feature is turned on. To turn the feature off: MERASEN a MCN a MSAVEN a MOFFN 2 Other programming Changing the handset name Each handset can be given a customized name (“Bob”, “Kitchen”, etc.).

This is useful when you make intercom calls between handsets. You can also select whether or not the handset name is displayed in standby mode. the default setting is “No”. If you select “Yes” without entering any handset name, “Handset 1” to “Handset 6” is displayed. base unit: Press and hold MLOCATORN for about 5 seconds. R If all registered handsets start ringing, press MLOCATORN again to stop, then repeat this step. Handset: Press MOKN, then wait until a long beep sounds.



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After the greeting message starts, enter your remote access code. Follow the voice guidance prompts as necessary or control the unit using remote commands (page 33). when finished, hang up.

Erasing all messages 1 2 MMENUN#325 MbN: "Yes" a MSELECTN a MOFFN Voice guidance n When the English voice guidance is selected During remote operation, the unit's voice guidance starts and prompts you to press 1 to perform a specific operation, or press 2 to listen to more available operations. N When the Spanish voice guidance is selected To start the voice guidance, press 9. The voice guidance announces the available remote commands (page 33). Note: R If you do not press any dial keys within 10 seconds after a voice guidance prompt, the unit disconnects your call. Remote operation Using a touch-tone phone, you can call your phone number from outside and access the unit to listen to messages or change answering system settings.

The unit's voice guidance prompts you to press certain dial keys to perform different operations. Remote access code A 3-digit remote access code must be entered when operating the answering system remotely. This code prevents unauthorized parties from listening to your messages remotely. Pdf 32 2013/12/09 10:59:20 Answering System Remote commands You can press dial keys to access certain answering system functions without waiting for the voice guidance to prompt you. Key 1 2 4 5 9 0 *4 *5 *# *1 *2 *3 Operation Repeat message (during playback)*1 Skip message (during playback) Play new messages Play all messages Stop playback*2 Start voice guidance*3 Turn answering system off Erase currently playing message Erase all messages End remote operation (or hang up) Answering system settings Call screening While a caller is leaving a message, you can listen to the call through the handset's speaker. to adjust the speaker volume, press MDN or MCN repeatedly. You can answer the call by pressing M N. Call screening can be set for each handset. A MSAVEN MOFFN Number of rings before the unit answers a call You can change the number of times the phone rings "Ring count" before the unit answers calls. You can select 2 to 7 rings, or "Toll saver". the default setting is "4 rings". □Toll saver": The unit's answering system answers at the end of the 2nd ring when new messages have been recorded, or at the end of the 5th ring when there are no new messages. If you call your phone from outside to listen to new messages (page 32), you know that there are no new messages when the phone rings for the 3rd time. You can then hang up without being charged for the call. If pressed within the first 5 seconds of a message, the previous message is played.

For English voice guidance only For Spanish voice guidance only Turning on the answering system remotely 1 2 3 Dial your phone number from a touch-tone phone. Enter your remote access code within 10 seconds after the long beep. r The greeting message is played back. R You can either hang up, or enter your remote access code again and begin remote operation (page 32). 1 2 MMENUN#211 MbN: Select the desired setting. A MSAVEN a MOFFN For voice mail service subscribers If you subscribe to a flat-rate service package that includes Caller ID, call waiting, voice mail, and unlimited local/regional/long distance calls, please note the following: R To use the voice mail service provided by your service provider/telephone company rather than the unit's answering system, turn off the answering system (page 30). For assistance, please visit <http://www.pdf33.com> Pdf 33 2013/12/09 10:59:20 Answering System R To use this unit's answering system rather than the voice mail service provided by your service provider/telephone company, please contact your service provider/ telephone company to deactivate your voice mail service. If your service provider/telephone company cannot do this: – Set this unit's "Ring count" setting so that this unit's answering system answers calls before the voice mail service of your service provider/ telephone company does. It is necessary to check the number of rings required to activate the voice mail service provided by your service provider/telephone company before changing this setting.

□ Change the number of rings of the voice mail service so that the answering system can answer the call first. To do so, contact your service provider/ telephone company. Caller's recording time You can change the maximum message recording time allowed for each caller. A MSAVEN a MOFFN Selecting "Greeting only" You can select "Greeting only" which sets the unit to announce a greeting message to callers but not record messages. select "Greeting only" in step 2 on "Caller's recording time", page 34.

Note: R When you select "Greeting only": – If you do not record your own message, the unit will play the pre-recorded greeting-only message asking callers to call again later. □ If you use your own message, record the greeting-only message asking callers to call again later (page 30). Pdf 34 2013/12/09 10:59:20 Useful Information Voice mail service Voice mail is an automatic answering service offered by your service provider/telephone company. After you subscribe to this service, your service provider/telephone company's voice mail system answers calls for you when you are unavailable to answer the phone or when your line is busy. Messages are recorded by your service provider/telephone company, not your telephone.

Please contact your service provider/telephone company for details of this service. Important: R To use the voice mail service provided by your service provider/telephone company rather than the unit's answering system, turn off the answering system (page 30). For details, see page 33. To erase the voice mail access number 1 2 MMENUN#331 Press and hold MCLEARN until all digits are erased. A MSAVEN a MOFFN Voice mail (VM) tone detection Your service provider/telephone company sends special signals (sometimes called "voice mail tones" or "stutter tones") to the unit to let you know you have new voice mail messages. If you hear a series of dial tones followed by a continuous dial tone after you N, you have new voice mail press M messages. Soon after you hang up a call or after the phone stops ringing, your unit checks the phone line to see if new voice mail messages have been recorded. Turn this feature off when: – You do not subscribe to voice mail service. □ Your service provider/telephone company does not send voice mail tones. – Your phone is connected to a PBX.

If you are not sure which setting is required, contact your service provider/telephone company. Storing the voice mail (VM) access number In order to listen to your voice mail messages, you must dial your service provider/telephone company's voice mail access number.



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Once you have stored your voice mail access number, you can dial it automatically (page 35). Enter your access number (24 digits max.). A MSAVEN a MOFFN Note: R When storing your voice mail access number and your mailbox password, press MDN (Pause) to add pauses (page 15) between the access number and the password as necessary. Contact your service provider/telephone company for the required pause time. A MSAVEN a MOFFN Listening to voice mail messages The unit lets you know that you have new voice mail messages in the following way: – “New Voice Mail” is displayed if message indication service is available. For assistance, please visit <http://www.Pdf 35 2013/12/09 10:59:20 Useful Information> Note: R If the handset still indicate there are new messages even after you have listened to all new messages, turn it off by pressing and holding # until the handset beeps.

3 Insert the hooks on the wall mounting adaptor into holes 1 and 2 on the base unit. 2 1 Wall mounting Note: R Make sure that the wall and the fixing method are strong enough to support the weight of the unit. 2 Base unit 1 Lead the telephone line cord through the hole in the wall mounting adaptor in the direction of the arrow. 1 4 Adjust the adaptor to hold the base unit, then push it in the direction of the arrow until it clicks into place. 2 Tuck the telephone line cord inside the wall mounting adaptor (A).

Connect the AC adaptor cord and telephone line cord (B). 1 Hooks B A 5 1 Mount the unit on a wall then slide down to secure in place. R This product is compliant with the following wall phone plate sizes (2 types). Pdf 36 2013/12/09 10:59:20 Useful Information Fit the slots of the unit onto the corresponding wall phone plate tabs for (3) and (4) respectively. 3 4 3 1 4 2 To remove the wall mounting adaptor While pushing down the release levers (A), remove the adaptor (B).

A A B Charger Drive the screws (1) (not supplied) into the wall. Cause/solution R The handset has lost communication with the base unit. Move closer to the base unit and try again. R Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again. R Other units are in use and the system is busy. try again later. R The handset you are using is too far from the base unit. Move closer and try again. R You have not stored the voice mail access number.

store the number (page 35). R The supplied telephone line cord has not been connected yet or not connected properly. R There is no handset registered to the base unit matching the handset number you entered. R The handset is not registered to the base unit. Once you receive caller information after subscribing to a Caller ID service, this message will not be displayed. r A wrong type of battery such as Alkaline or Manganese was inserted. Use only the rechargeable Ni-MH batteries noted on page 5, 7. Busy Call phone company for your access # Check tel line Error! Pdf 38 2013/12/09 10:59:20 Useful Information

Troubleshooting If you still have difficulties after following the instructions in this section, disconnect the base unit's AC adaptor, then reconnect the base unit's AC adaptor. Remove the batteries from the handset, and then insert the batteries into the handset again. General use Problem The handset does not turn on even after installing charged batteries.

The unit does not work. Cause/solution R Place the handset on the base unit or charger to turn on the handset. Make sure the batteries are installed correctly (page 10). Unplug the base unit's AC adaptor to reset the unit. Reconnect the adaptor and try again.

R The handset has not been registered to the base unit. register the handset (page 27). R R R R R The base unit's AC adaptor or telephone line cord is not connected. check the connections. R Disconnect the base unit from the telephone line and connect the line to a known working telephone.

If the working telephone operates properly, contact our service personnel to have the unit repaired. If the working telephone does not operate properly, contact your service provider/telephone company. i cannot hear a dial tone. Menu list Problem The display is in a language I cannot read. i cannot register a handset to a base unit. Cause/solution R Change the display language (page 13). R The maximum number of handsets (6) is already registered to the base unit. Cancel unused handset registrations from the base unit (page 27). For assistance, please visit <http://www.Pdf 39 2013/12/09 10:59:20 Useful Information> Problem I fully charged the batteries, but still flashes, – – is displayed, or – the operating time seems to be shorter.

Cause/solution R Clean the battery ends (,) and the charge contacts with a dry cloth and charge again. R It is time to replace the batteries (page 10). making/answering calls , intercom Problem is displayed. Cause/solution R The handset is too far from the base unit. R The handset is not registered to the base unit. register it (page 27). R You are using the handset or base unit in an area with high electrical interference. Re-position the base unit and use the handset away from sources of interference. R Move closer to the base unit. R If you use a DSL/ADSL service, we recommend connecting a DSL/ADSL filter between the base unit and the telephone line jack.

Contact your DSL/ADSL provider for details. Turn it off (page 25). R Make sure that you have long distance service. Noise is heard, sound cuts in and out. The handset does not ring.

The base unit does not ring. i cannot make a call. I cannot make long distance calls. Contact your service provider/telephone company for details. R If your unit is connected to any additional telephone equipment such as a Caller ID box or cordless telephone line jack, plug the unit directly into the wall jack. R If you use a DSL/ADSL service, we recommend connecting a DSL/ADSL filter between the base unit and the telephone line jack. Contact your DSL/ADSL provider for details. R The name display service may not be available in some areas. Contact your service provider/telephone company for details. R Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again. R Depending on your service provider/telephone company, the unit may display or announce the caller's information at the 2nd ring or later. R Move closer to the base unit. R The number of rings for the answering system is set to “2 rings” or “Toll saver”. select a different setting (page 33).

R If the base unit and another handset are having an intercom call, your handset does not announce caller information. R The Caller ID number auto edit feature is turned off. Turn it on and try again (page 23). R You need to call back the edited number to activate Caller ID number auto edit. R The phone number you dialed might have been edited incorrectly (for example, the long distance “1” or the area code is missing). Edit the phone number with another pattern (page 29).



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R Incorrect time information from incoming Caller ID changes the time. The caller list/incoming phone numbers are not edited automatically. I cannot dial the phone number edited in the caller list. Time on the unit has shifted.

For assistance, please visit <http://www.pdf41.com> 2013/12/09 10:59:20 Useful Information Problem The 2nd caller's information is not displayed during an outside call. Cause/solution R In order to use Caller ID, call waiting, or Call Waiting Caller ID (CWID), you must first contact your service provider/telephone company and subscribe to the desired service. After subscribing, you may need to contact your service provider/telephone company again to activate this specific service, even if you already subscribed to both Caller ID and Call Waiting with Caller ID services (CWID). Answering system Problem The unit does not record new messages.

R Your service provider/telephone company's voice mail service may be answering your calls before the unit's answering system can answer your calls. Change the unit's number of rings setting (page 33) to a lower value, or contact your service provider/telephone company. R You are entering the wrong remote access code. If you have forgotten your remote access code, enter the remote access code setting to check your current code (page 32). R If the first ring is turned off, the number of rings decreases by 1 from the specified number of rings.

I cannot operate the answering system remotely. The unit does not emit the specified number of rings. Voice mail Problem "New Voice Mail" is shown on the handset display. How do I remove this message from the display? Cause/solution R This notification is displayed when your service provider/telephone company's voice mail service (not the unit's answering system) has recorded a message for you. Typically you can remove this notification from the display by listening to the message. To listen to the message, dial the voice mail number provided by your service provider/telephone company (for most cases, this will be your own phone number), and follow the voice instructions. Depending on your service provider/telephone company, you may need to remove all messages from your voice mailbox to remove the notification. You can also remove this notification by pressing and holding # until the unit beeps. Pdf 42 2013/12/09 10:59:20 Useful Information Liquid damage Problem Liquid or other form of moisture has entered the handset/base unit. Cause/solution R Disconnect the AC adaptor and telephone line cord from the base unit.

Remove the batteries from the handset and leave to dry for at least 3 days. After the handset/base unit are completely dry, reconnect the AC adaptor and telephone line cord. Insert the batteries and charge fully before use. If the unit does not work properly, contact an authorized service center. Caution: R To avoid permanent damage, do not use a microwave oven to speed up the drying process. For assistance, please visit <http://www.pdf43.com> 2013/12/09 10:59:20 Useful Information FCC and other information This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:ACJ-----. If requested, this number must be provided to the telephone company. I Registration No.

(found on the bottom of the unit) L Ringer Equivalence No. 1B A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with the product. It is designed to be connected to a compatible modular jack that is also compliant. The REN is used to determine the number of devices that may be connected to a telephone line.

Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for the product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e. If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary. The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service. If trouble is experienced with this equipment, for repair or warranty information, please contact a Factory Service Center or other Authorized Servicer. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer. This equipment is hearing aid compatible as defined by the FCC in 47 CFR Section 68.316. When you hold the phone to your ear, noise might be heard in your Hearing Aid. Some Hearing Aids are not adequately shielded from external RF (radio frequency) energy. If noise occurs, use an optional headset accessory or the speakerphone option (if applicable) when using this phone. Consult with your audiologist or Hearing Aid 44 For assistance, please visit <http://www.pdf44.com> 2013/12/09 10:59:20 Useful Information manufacturer about the availability of Hearing Aids which provide adequate shielding to RF energy commonly emitted by digital devices. WHEN PROGRAMMING EMERGENCY NUMBERS AND/OR MAKING TEST CALLS TO EMERGENCY NUMBERS: 1) Remain on the line and briefly explain to the dispatcher the reason for the call.

2) Perform such activities in the off-peak hours, such as early morning or late evenings. 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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Privacy of communications may not be ensured when using this phone. CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: – Reorient or relocate the receiving antenna.

□ Increase the separation between the equipment and receiver. □ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. □ Consult the dealer or an experienced radio/TV technician for help. Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, move the cordless telephone further away from the TV or VCR. This will often reduce or eliminate interference. FCC RF Exposure Warning: L This product complies with FCC radiation exposure limits set forth for an uncontrolled environment. L To comply with FCC RF exposure requirements, the base unit must be installed and operated 20 cm (8 inches) or more between the product and all person's body. L This product may not be collocated or operated in conjunction with any other antenna or transmitter.

L The handset may be carried and operated with only the specific provided belt-clip. Other non-tested belt-clips or similar body-worn accessories may not comply and must be avoided. Notice: L FCC ID can be found inside the battery compartment or on the bottom of the units. For assistance, please visit

The decision to repair, replace or refund will be made by the warrantor. Parts Labor One (1) Year One (1) Year During the "Labor" Limited Warranty period there will be no charge for labor. @ @ @ @ @ @ @ @ This Limited Warranty is extended only to the original purchaser and only covers products purchased as new. Mail-In Service--Online Online Repair Request To submit a new repair request and for quick repair status visit our Web Site at [http://www. panasonic. Com/repair](http://www.panasonic.Com/repair) When shipping the unit carefully pack in a padded shipping carton, include all accessories, and send it prepaid. Include a letter detailing the complaint, a return address and provide a day time phone number where you can be reached. Keep the tracking number for your records. A copy of valid registered receipt is required under the 1 year parts and labor Limited Warranty. For Limited Warranty service for headsets if a headset is included with this product please follow instructions above.

The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, bug infestation, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a Factory Service Center or other Authorized Servicer, or damage that is attributable to acts of God. (As examples, this excludes damages for lost time, lost calls or messages, cost of having someone remove or re-install an installed unit if applicable, travel to and from the servicer. The items listed are not exclusive, but are for illustration only.) ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you. This Limited Warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the Limited Warranty period, you may contact your dealer or Service Center. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor. pARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY. When you ship the product L Carefully pack your unit, preferably in the original carton.

L Attach a letter, detailing the symptom. l Send the unit to Panasonic Exchange Center, prepaid and adequately insured.



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