


## PLACEMENT OF SPEAKERS



PREPARING THE REMOTE CONTROL

AVOID INTERFERING WITH OTHER PANASONIC
EQUIPMENT


| TROUBLESHOOTING GUIDE |  |
| :---: | :---: |
|  |  |
|  | displays |
|  |  |
|  |  |
| No response when remote control buttons are - Check that the batteries are installed correctly. | "F64" |
|  |  |
|  | "ERROR" |
|  | andity gan. |
|  | "ERRoR" (during recorining |
| A "humming" sound can be heard during play.- An AC power supply cord or fluorescent light is nearthe unit. Keep other appliances and cords away from the unit.the unit. |  |
|  | sure. |
| Discs |  |
| - You have not inserted the disc cor |  |
| - |  |
| standard. Condensation has formed: Wait 1 to 2 hours for it to <br> vaporate. |  |
| he total number of tracks displayed is incorrect The disc cannot be read. <br> You have inserted a disc the unit cannot play; insert one |  |
|  | mode |
| it can. <br> You have inserted a disc that has not been finalized or mpletely formatted. |  |
|  | Change to a USB device which has the appropriate recording time and perform the recording again. |
| The stereo indicator flickers or does not light. - Use an optional FM outdoor antenna. The antenn A beat sound is heard. <br> - Turn the television off or move it away from the unit. - Switch to either BP 1 or BP 2 when in AM tuner mode. A low hum is heard during AM broadcast. - Separate the antenna from other cables and cords | System memory reset (Initialization) |
|  |  |
|  | nor orsons Men ben |
|  | To reset sssiem memory |
| - USB | $\begin{aligned} & \text { Disconnect the AC powe } \\ & \text { (Wait at least } 3 \text { minutes } b \\ & \text { step 2.) } \end{aligned}$ |
| The USB drive or its contents cannot be read.- The USB drive format or its contents is/are not compatible with the system. | 2 While |
|  | 退 |
| The USB host function of this product may not work with USB USB devices with storage capacity of more than 32 gigabytes may not work in some instances. | 3 Relase elit pow enille |
| Slow operation of the USB device. |  |



## MAINTENANCE

## It the surfaces are dirty




| CONVENIENT FUNCTIONS |  |  |  |
| :---: | :---: | :---: | :---: |
| －AUTO OFF］ 35 <br> disc，USB <br> minutes． <br> －Press and hold the button to activate the function． －Press and hold the button again to cancel． <br> －The setting is maintained even if the unit is turned off |  | ［MUTE］ To mute th －Press th －Press th ［DIMMER To dim th －Press th －Press th |  |
| DISCS |  |  |  |
| Playing discs |  | Program play |  |
| 1 Press［A，OPENCLCOSE［खo on the main unit to <br>  <br>  <br>  |  | This function allows you to program up to 24 tracks <br> CD <br> 1 Press［ $\sqcap / I I, C D]$ 国 and then［■］ 6 （stop）． <br> 2 Press［PROGRAM］ 28. <br> 3 Press the numeric buttons 26 to select your <br> Resired track． <br> 4 Press［D／II，CD］［9 to to tart play． |  |
| $\underset{\substack{\text { Sipop } \\ \text { papack } \\ \text { palase } \\ \text { pala }}}{ }$ | Press［1］［E］（stop）during play |  |  |
|  |  |  |  |
| $\underbrace{\text { abice }}_{\substack{\text { skip } \\ \text { abum }}}$ |  | MP3 <br> 1 Press［ $>/$ II，CD］ 19 and then［ $\square$ ］ 6 （stop） 2 Press［PRogram］${ }^{26}$ ． |  |
| $\underbrace{\substack{\text { sko } \\ \text { racks }}}_{\text {Skip }}$ | During play <br> Press $[\mid \ll /<1<1 /[17$ ，or turn ［TRACK］ 20 to skip to your desired track <br> While in stop mode <br> Press $[1</</ \ll] /[\rightarrow / \rightarrow 17$ followed by $[>/ I I, C D] 19$ to skip and play your Alternatively，turn［TRACK］ 20 to skip and Play your desired tra During random play（ $\boldsymbol{\rightarrow}$ see＂Play Mode function＂），you cannot skip to tracks which have been payed． －You cannot use［TRACK］ 20 to skip |  |  |
|  |  |  |  |
|  |  |  |  |
| $\begin{aligned} & \text { Searan } \\ & \text { trach } \\ & \text { tracas } \end{aligned}$ |  <br>  | ${ }_{\text {a }}^{\substack{\text { Adod tithe } \\ \text { progam }}}$ |  |
| Play Mode function |  | $\begin{gathered} \text { chook } \\ \text { chonem } \\ \text { cononems } \end{gathered}$ |  |
| CD MP3 <br> Press［PLAY MODE］ 38 to select the desired mode． |  |  |  |
| 1 1－TRACK | Play one selected track on the disc． Press the numeric buttons 26 to select the track． Play starts from the selected track． |  | appears，then press $[\|<\|<\|l\|$The track number and program orderare displayed．MP3The program order is displayedfollowed by the album number andtrack number． |
| ${ }_{\text {latab }}^{\text {1．abuM }}$ | $\begin{aligned} & \text { MP3 } \\ & \text { Play one selected album on the disc. } \\ & \text { Press }[\mathbf{A} / \mathbf{\nabla}, \text { ALBUM] } 41 \text { to select the } \\ & \text { album. } \end{aligned}$ |  |  |
| Ranoom | Paly adiscrandomy． | $\begin{aligned} & \text { track } \\ & \hline \text { Clear all } \\ & \text { programmed } \\ & \text { tracks } \end{aligned}$ |  |
|  |  |  |  |
|  |  | Note： <br> The program memory is cleared when you open the disc tray 23 ． |  |
| Note：－You cannot use program mode together with＂PlayMode function＂．－The play mode setting is cleared when you open thedisc tray［23． |  | NOTE about using a DualDisc <br> The digital audio content side of a DualDisc does not <br> meet the technical specifications of the Compact Disc Digital Audio（CD－DA）format so playback may not be possible． <br> possible． |  |
| Checking the track intormatio |  | NOTE on Cos |  |
|  |  | This unit can access up to 99 tracks． <br> This unit can play MP3 files and CD－DA format audio CD－R／RW that have been finalized． <br> It may not be able to play some CD－R／RW due to the <br> －Dondition of the recording． <br> Do not use disc with labels and stickers that are coming off or with adhesive exuding from under laber <br> stickers． Do not attach extra labels or stickers on the disc． <br> －Do not write anything on the disc． <br> NOTE on MP3 <br> Files are treated as tracks and folders are treated as <br> albums． <br> Disc must conform to ISO9660 level 1 or 2 （except for <br> extended formats）． To play in a certain order，prefix the folder and file names <br> with 3－digits numbers in the order you want to play them <br> Limitations on MP3 play <br> If you have recorded MP3 on the same disc as CD－DA， only the format recorded in the first session can be <br> played． Some MP3s may not be played due to the condition of <br> the disc or recording． －Recordings will not necessarily be played in the order <br> you recorded them． |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| Repeat play |  |  |  |  |
|  | d play mode（ $\Rightarrow$ see＂Play Mode function＂） old［－REPEAT］ 38 $\qquad$ <br> old［－REPEAT］$] 8$ again． F ＂is displayed and＂ O ＂is cleared |  |  |  |



## RADIO

| Manual tuning | Automatic presetting |
| :---: | :---: |
| 1 Press［FM／AM）［2］to select＂FN＂or＂AM＂． 2 Press［PLAY MODE］（o）to select＂MANUAL＂． <br> 3 $\qquad$ | 30 FM and 15 AM stations Ca |
|  |  |
|  |  |
|  | CURRENT Tuning begins tom the |
| Stin | LowEST Tuning begins tom the lwest tiee |
|  | 2 Press and hold Progamam |
|  |  |
| －Tocoraneofe inio turing，press | chanesis insed |
| To improve the sound quality | al presetting |
|  | 30 FM and 15 Am staions can be presest． |
|  |  |
| To cancelPress and hold［PLAY MODE］ 38 again until＂MONO＂ disappears．－MONO is also canceled if the frequency is changed |  |
|  |  |
| When＂AM＂is selected ress and hold［PLAY MODE］ 38 ． $\qquad$ | 3 Press PRoG |
|  | 4 Press the numeric butuon 区Ti siolecta |
| FM allocation setting | presesto that chamel |
| This system can also rece 0.1 MHz steps． 0．1 MHz steps． | Sele |
| 1 Press and hold［FM／AM］21 on the main unit display of the current minimum frequency |  |
|  |  |
| 2 Continue to hold down［FM／AM］［21］ <br> the button．To return to the original step，repeat th After changing the setting，previously preset frequency will be cleared． | 1 Press［PLAY Mode］ |
|  |  |

## SOUND EFFECTS

| Changing the sound quaity：Preset EO |  |  |
| :---: | :---: | :---: |
|  |  | Enables you to add natural width and depth to the stereo <br> sound． <br> To activate <br> Press［SURROUND］ 39 to display＂ill｜llill＂＂indicator． <br> To cancel Press［SURROUND］ 39 again to clear＂HIIIWIII＂ <br> indicator． <br> Note： If inter <br> the surround in FM stereo |
| Eav | dss unchentor |  |
| Clear | Clarifes ig |  |
| Sopt | backg |  |
|  |  |  |
| FLat | No eftee |  |
| Changing the sound quality：Manual $E$ Q |  | nging the sound qua |
| $1 \begin{aligned} & \text { Press［MANUAL EQ］} 166 \text { repeatedly to select your } \\ & \text { desired setting．}\end{aligned}$ desired setting． <br> BASS $\downarrow$ $\downarrow$ $\rightarrow$ Original display $\stackrel{\text { TREBLE }}{\longleftrightarrow}$ <br> 2 Press $[1<4 /\langle 4] /[ゆ /\|>\|$ ］ 17 to adjust the level． <br> Note： <br> －The level of the pitch is between -4 to +4 <br> －The changes you make are stored and automatically recalled the next time you select＂MANUAL EQ＂． |  |  |
|  |  | Enjoying the bass：D．BASS |
|  |  | Pres |




