# Welcome to LG Electronics 

February 2004

As a note, this presentation was released as the dates shown and reflected management views as of these dates. All information in this presentation regarding the Company's financial results has been prepared on a non-consolidated basis in accordance with Korean GAAP. In particular, sales information includes sales by the Company to, and purchases by the Company from, its subsidiaries and affiliates, but excludes sales by the Company's subsidiaries and affiliates to third parties. The presentation includes forward-looking statements regarding the Company's outlook for 2004 and beyond, including projected sales. These forward-looking statements also refer to the Company's results on a non-consolidated basis. These forward-looking statements are subject to known and unknown risks and uncertainties that may cause actual results to differ materially from those stated or implied by such statements. These risks and uncertainties, but are not limited to the risk factors noted in the Company's Earnings Releases and Company's filings with the Financial Supervisory Commission of Korea. The Company assumes no obligation or responsibility to update the information provided in the presentations in correspondence to their respective dates.

## Table Of Contents

I. 2003 4Q \& Annual Results
II. Performance \& Outlook by Sector
III. 2004 Target and Major Issues

## 2003 4Q \& Annual Results

## Sales

- 4Q Sales grew 29.6\% YoY to record high Won 5.4tn.
- '03 Sales up 18\% YoY to Won 20.2tn thanks to strong exports.
- Exports up $32 \%$, domestic down $12 \%$


-Like for like Comparison
$\dagger$ CRT sales excluded


## Sales by Division

- 4Q QoQ Growth: Handset(+19.3\%), Dis.\&Media(+12.6), Appliance(+0.1\%)
- Growth led by handset, PDP, Optical Storage, and DTV.
- '03 YoY Growth: Handset(+47.4\%), Display\&Media(+10.0\%), Appliance(+8.8\%)
- Handset: grew over 45\% YoY (Major Growth: N. America, Europe, and India).
- Display\&Media: High-tech products such as PDP, DTV drove 10.0\% YoY growth.
- Appliance: Premium products led by washing machine helped overcome slow domestic economy.
(Won bn)

|  | 1Q | 2Q | 3Q | 4Q | Growth |  | 2003 | Growth |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | YoY* | QoQ |  | YoY* | Portion |
| Appliance | 1,648 | 1,597 | 1,201 | 1,203 | 5.2\% | 0.1\% | 5,649 | 8.8\% | 28.0\% |
| Display\& Media | 1,710 | 1,536 | 1,712 | 1,927 | 21.8\% | 12.6\% | 6,885 | 10.0\% | 34.1\% |
| Telecom E\&H | 1,622 | 1,642 | 1,940 | 2,260 | 57.7\% | 16.5\% | 7,464 | 36.8\% | 37.0\% |
| Handset | 1,103 | 1,029 | 1,392 | 1,660 | 68.9\% | 19.3\% | 5,184 | 47.4\% | 25.7\% |

-Like for like Comparison

## Profit

- 4Q Operating profit increased 6.8\% QoQ to Won 198bn.
- '03 Operating profit up 3.3\% YoY to Won 1.06tn.
- 4Q Recurring profit down due to LPD restructuring, but 2003 recurring profit up 23.9\% YoY.
- Net profit up 33.2\% YoY to Won 663bn.
(Won bn)

|  | 2003 |  |  |  |  | 2002* |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1Q | 2Q | 3Q | 4Q | Annual | 4Q | Annual |
| Gross Profit (margin) | $\begin{gathered} 1,263 \\ (25.1 \%) \end{gathered}$ | $\begin{gathered} 1,170 \\ (24.3 \%) \end{gathered}$ | $\begin{gathered} 1,121 \\ (22.8 \%) \end{gathered}$ | $\begin{gathered} 1,273 \\ (23.5 \%) \end{gathered}$ | $\begin{gathered} 4,826 \\ (23.9 \%) \end{gathered}$ | $\begin{gathered} 925 \\ (22.1 \%) \end{gathered}$ | $\begin{gathered} 4,349 \\ (25.4 \%) \end{gathered}$ |
| Oper. Profit (margin) | $\begin{gathered} 417 \\ (8.3 \%) \end{gathered}$ | $\begin{gathered} 262 \\ (5.4 \%) \end{gathered}$ | $\begin{gathered} 185 \\ (3.8 \%) \end{gathered}$ | $\begin{gathered} 198 \\ (3.6 \%) \end{gathered}$ | $\begin{gathered} 1,062 \\ (5.3 \%) \end{gathered}$ | $\begin{gathered} 42 \\ (1.0 \%) \end{gathered}$ | $\begin{gathered} 1,029 \\ (6.0 \%) \end{gathered}$ |
| Recur. Profit (margin) | $\begin{gathered} 198 \\ (3.9 \%) \end{gathered}$ | $\begin{gathered} 375 \\ (7.8 \%) \end{gathered}$ | $\begin{gathered} 322 \\ (6.5 \%) \end{gathered}$ | $\begin{gathered} -58 \\ (-1.1 \%) \end{gathered}$ | $\begin{gathered} 837 \\ (4.1 \%) \end{gathered}$ | $\begin{gathered} -260 \\ (-6.2 \%) \end{gathered}$ | $\begin{gathered} 675 \\ (3.9 \%) \end{gathered}$ |
| Net Profit (margin) | $\begin{gathered} 189 \\ (3.8 \%) \end{gathered}$ | $\begin{gathered} 267 \\ (5.5 \%) \end{gathered}$ | $\begin{gathered} 224 \\ (4.6 \%) \end{gathered}$ | $\begin{gathered} -17 \\ (-0.3 \%) \end{gathered}$ | $\begin{gathered} 663 \\ (3.3 \%) \end{gathered}$ | $\begin{gathered} -179 \\ (-4.3 \%) \end{gathered}$ | $\begin{gathered} 497 \\ (2.9 \%) \end{gathered}$ |

-Like for like Comparison
LG Electronics

## Non-operating items

- Actual equity method gains amounted to Won 35bn,after adjustments
- Recurring profit reached W 837bn

2003 Result
(Won bn)

Adjusted equity method gains


Adjusted Equity Method
(Won bn)

| Entity | Reported <br> Equity M. | Adjustment | Adjusted <br> Equity M. |
| :---: | ---: | :---: | :---: |
| LPL | +540 | - | 540 |
| LPD | $-1,032$ | Gains on transfer <br> of LPD stake | -531 |
| Oversea <br> Sub./etc. | -93 | Recovery of <br> provisions | $\mathbf{2 6}$ |
|  | -585 | +620 | 35 |

## Profit by Division

- 4Q Operating margin: Appliance 5.6\%, Display\&Media 4.7\%, and Telecom 5.1\%.
- Appliance: margin down due to sluggish economy and intense competition in Korea.
- Display\&Media: profitability improved led by PDP, optical storage, and monitor.
- Handset: profitability declined due to the delay for new models in Korea.
- System: turned around thanks to restructuring in 2H2003.
(Won bn.)

|  | 2003 |  |  |  |  |  | 2002* |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{1 Q}$ | 2 Q | 3 Q | 4 Q | Annual | 4 Q | Annual |  |
| Appliance | 223 | 157 | 49 | 67 | 497 | 77 | 604 |  |
| (margin) | $(13.5 \%)$ | $(9.8 \%)$ | $(4.1 \%)$ | $(5.6 \%)$ | $(8.8 \%)$ | $(6.7 \%)$ | $(11.6 \%)$ |  |
| Dis.\& Media | 153 | 68 | 86 | 91 | 398 | -32 | 275 |  |
| (margin) | $(9.0 \%)$ | $(4.4 \%)$ | $(5.0 \%)$ | $(4.7 \%)$ | $(5.8 \%)$ | $(-2.0 \%)$ | $(4.4 \%)$ |  |
| Telecom E\&H | 62 | 64 | 66 | 93 | 286 | 37 | 251 |  |
| (margin) | $(3.8 \%)$ | $(3.9 \%)$ | $(3.4 \%)$ | $(4.1 \%)$ | $(3.8 \%)$ | $(2.6 \%)$ | $(4.6 \%)$ |  |
| Handset | 63 | 21 | 81 | 84 | 249 | 62 | 343 |  |
| (margin) | $(5.7 \%)$ | $(2.1 \%)$ | $(5.8 \%)$ | $(5.1 \%)$ | $(4.8 \%)$ | $(6.3 \%)$ | $(9.7 \%)$ |  |

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## Financial Structure

- '03 liabilities-to-equity improved, dropping to 222\%.
- '03 Net debt-to-equity also fell from $96 \%$ in 2002 to $93 \%$.



## Performance and outlook by sector



## 2003 Performance

* 4Q Sales : grew 5.2\% to Won 1,203 bn.
- Premium brand led export growth
- Domestic competitiveness maintained
* 2003 Sales : 8.8\% growth YoY to Won 5.65 tn
- Premium product exports drove growth while domestic sales was sluggish due to slow economy
- Domestic Market : Down 6.6\% YoY
- Export Market : Up 19.1\% YoY
- Growth driver : washing machine, refrigerator, and Commercial A/C

Sales
(Won bn)

## 2004 Outlook

* Exports continue to drive overall growth
- Korea: sales expected to be similar to 2003
- Exports: expected to grow in North America and Europe with premium products


## Display Media

## 2003 Performance

## * 4Q Sales : grew 21.8\% YoY to Won 1, 927bn.

-Premium products and successful line ramp-up of $2^{\text {nd }}$ PDP line helped dive sales growth

- PDP : sales up $168 \%$ YoY
- TV : Expanding Digital TV exports(export up 44\% YoY )
- Optical Storage : sales up 19\% YoY (Growth Driver : DVD-RW)
* 2003 Sales: 10.0\% Growth YoY to Won 6.89tn.
- Rising exports and premium products in spite of SARS, Iraq War, and sluggish domestic economy.


## 2004 Outlook

* Potential pick up in world economy; but price competition and sluggish domestic market are risks.
- PDP : Line 3 ramp up(cap: 75K/Mon. ), Line 4(under consideration)
- Digital TV \& LCD Monitor: spearheading brand Launching in North America
- Optical Storage : expanding DVD-RW sales and timely release of new products


## Telecom E\&H (Handset)

## 2003 Performance

* 2003 Sales : grew 47.4\% YoY to Won 5,184 bn.
- $72 \%$ unit growth YoY to 27.4 mn
- Operating profit down YoY (`02: \(9.7 \% \rightarrow\) `03: 4.8\%)
* CDMA M/S sharply increased : No. 1 in North America, India

* Handset market still growing.
- Market expected to reach $510 \mathrm{mn} \sim 520 \mathrm{mn}(7 \sim 10 \%$ growth YoY)
- Driven by replacement demand in North America, Western Europe and growth in from Asia and Eastern Europe
- Increasing need for differentiated products such as color, multimedia function, camera etc.
* `04 Handset unit sales target: over 36 mn(32\% Growth YoY)
- CDMA : expect stable growth in Korea and exports.
- GSM: rapid sales growing and introduce W-CDMA handset


## Telecom E\&H (System)

## 2003 Performance

* 2003 Sales : grew 17.7\% YoY to Won 2,280 bn.
- System: Sales down significantly due to intense competition and falling investment by operators.
- PC: sales up due to OEM business
* System: turn around thanks to successful restructuring
- Operating profit: 2002-5.1\% $\rightarrow$ 2003년 9.5\% Turn Around
* Establish future growth opportunity for system
- Successful start for KTF WCDMA Commercial Service
- Provided equipments for KT High Speed Network



## LG.Philips Joint Venture



* Based on over 10.4 inch
** Source : DisplaySearch Large area TFT-LCD Shipment report Q1 '03 \& Q4 '03(E)
*** Source: DisplaySearch TFT-LCD Supply/Demand \& Capital Spending Report 4Q03


## 2003 Performance

Sales: 6,031bn Op. profit: 1,114bn.

- Sales grew 71\% YoY, operating profit rose $307 \%$ YoY
- Record high profit thanks to successful ramp up of $2^{\text {nd }} 5 \mathrm{G}$ fab and strong demand and pricing
: Thanks to strong monitor and notebook demand unit sales grew $87 \% \mathrm{YoY}^{*}$
No. 1 market share in large sized LCDs
- Monitor-use 1st ('02:16.7\% $\rightarrow$ '03: 22.4\%**)
- TV-use 2nd ('02: 21.1\% $\rightarrow$ '03:26.4 \%**)
- Better product mix flexibility thanks to $2^{\text {nd }} 5 \mathrm{G}$ fab
* 4Q Sales: 2,091bn Op. profit: 561bn


## 2004 Expectations

Market expected to grow 34\% YoY ${ }^{* * *}$ thanks to expanding demand for LCD monitors and TVs*

## Maintain Market Leadership

- Ramp up 6G fab
- Maintain strong position in high-end segment
- Fortify position in 20" and above LCD TV market
* Expand small and medium panel production


## LG.Philijps Joint Venture

## LG.Philips Displays

## 2003 Performance

* Sales : US\$ 3,966mn | Op. profit : US\$122mn *
- Sales fell $10 \%$ YoY, operating profit fell $26 \%$ YoY
- While CPT sales remained relatively stable, sharp drop in CDT sales was the main reason for the poor performance


## * Continued restructuring

- Closed, transferred, and/or sold less productive factories to improve cost structure and competitiveness

4Q sales: US\$ 1,093mn / Op. profit: US\$77mn *

## 2004 Outlook

Due to rapid LCD penetration, CRT market contracting

- CRT market estimated to have dropped 6\% in 2003
* To improve product leadership, intense cost innovation activities will be implemented in 2004.
* Excluding restructuring and asset impairment


## 2004 Target and Major Issues

## 2004 Management Target

- 2004 Sales expected to grew 7 ~ 9\% YoY Won 21.6 ~ 22 tn.


## Enhancing Major business Core competencies


$\square$ Enhance market leadership in N.America and

## 2004 Plan

 aggressively expanded in European market.$\square$ Enhance Korea / China operations, improve profitability

* PDP /
DTV

Maximize profitability by obtaining product / cost leadership

## Fostering New Future Business

Focus on strengthening R\&D capability (Up 5.6\%of the sales)

* Develop future long-term growth products


## Sales

21.6 ~ 22 tn
(7 ~ 9\% Up YoY)
CAPEX 1.1 tn.
(34\% Up YoY)
R\&D Investment
1.2 tn
(22\% Up YoY)

- DMB handset, Home Network, Post PC, Telematics


## Major Issues

$\checkmark$ Maintain growth: focusing to invest on growth drivers and high margin businesses

- Ramp up PDP Line No. 3, enhancing DTV competency based on superior DTV technology
- Use No. 1 position in CDMA to expand GSM market share
$\checkmark$ Improve Handset Profitability
- Enhance product leadership in N. America and aggressively expanding in Europe
- Expand M/S in Korean high-end market, and aiming to obtain leading position in W-CDMA market
$\checkmark$ Sustain Product Leadership and Market Leadership
- Expand premium products such as drum-type washing machine, DVD recorder
- Improve Brand Equity in advanced markets
- Expand Premium products: CDMA handset, air conditioner, refrigerator, Optical Storage, etc.


## $\checkmark$ Aggressive cost innovation improves profitability

- Continue to rationalize businesses to maintain cost leadership
- Sustain cost leadership via aggressive cost innovation


## APPENDIX

> Sales \& Profits


Profit Margin

|  |  | 2002 |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: |
|  | $\mathbf{1 Q}$ | 2Q | 3Q | 4Q | Total |  |
| Operating Porfit | Appliance | $13.0 \%$ | $13.3 \%$ | $6.3 \%$ | $5.6 \%$ | $\mathbf{1 0 . 0 \%}$ |
| by Division | Dis.\&Media | $7.1 \%$ | $8.6 \%$ | $3.7 \%$ | $-2.0 \%$ | $\mathbf{4 . 4 \%}$ |
|  | Telecom | $4.7 \%$ | $4.8 \%$ | $4.9 \%$ | $2.3 \%$ | $\mathbf{4 . 1 \%}$ |
|  | Handsets | $12.7 \%$ | $10.1 \%$ | $10.5 \%$ | $6.3 \%$ | $\mathbf{9 . 7 \%}$ |
| Company | GP Margin | $25.0 \%$ | $25.4 \%$ | $22.9 \%$ | $20.1 \%$ | $\mathbf{2 3 . 4 \%}$ |
|  | OP Margin | $7.8 \%$ | $8.8 \%$ | $4.3 \%$ | $0.9 \%$ | $\mathbf{5 . 5 \%}$ |
|  | RP Margin | $5.9 \%$ | $10.0 \%$ | $3.8 \%$ | $-5.6 \%$ | $\mathbf{3 . 6 \%}$ |
|  | NP Margin | $4.7 \%$ | $7.0 \%$ | $2.6 \%$ | $-3.9 \%$ | $\mathbf{2 . 7 \%}$ |


| 2003 |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: |
| 1Q | 2Q | 3Q | 4Q | Total |
| $13.5 \%$ | $9.8 \%$ | $4.1 \%$ | $5.6 \%$ | $\mathbf{8 . 8 \%}$ |
| $9.0 \%$ | $4.4 \%$ | $5.0 \%$ | $4.7 \%$ | $\mathbf{5 . 8 \%}$ |
| $3.5 \%$ | $4.3 \%$ | $3.4 \%$ | $4.1 \%$ | $3.8 \%$ |
| $5.7 \%$ | $2.1 \%$ | $5.8 \%$ | $5.1 \%$ | $\mathbf{4 . 8 \%}$ |
| $24.4 \%$ | $25.0 \%$ | $22.8 \%$ | $23.5 \%$ | $\mathbf{2 3 . 9 \%}$ |
| $8.1 \%$ | $5.6 \%$ | $3.8 \%$ | $3.6 \%$ | $\mathbf{5 . 3 \%}$ |
| $3.8 \%$ | $8.0 \%$ | $6.5 \%$ | $-1.1 \%$ | $\mathbf{4 . 1 \%}$ |
| $3.7 \%$ | $5.7 \%$ | $4.6 \%$ | $-0.3 \%$ | $\mathbf{3 . 3} \%$ |

- Year 2002: all sales of raw material(outsourcing related) and raw material buy \& sell(PC OEM) are excluded
(2) After adjustment for accounting change
> Sales \& Profits


Profit Margin

|  |  | 2002 |  |  |  |  |
| :--- | :--- | ---: | ---: | ---: | ---: | ---: |
|  | 1Q | 2Q | 3Q | 4Q | Total |  |
| Operating Porfit | Appliance | $14.7 \%$ | $15.3 \%$ | $7.4 \%$ | $6.7 \%$ | $\mathbf{1 1 . 6 \%}$ |
| by Division | Dis.\&Media | $7.1 \%$ | $8.6 \%$ | $3.8 \%$ | $-2.0 \%$ | $\mathbf{4 . 4 \%}$ |
|  | Telecom | $5.2 \%$ | $5.3 \%$ | $5.5 \%$ | $2.6 \%$ | $\mathbf{4 . 6 \%}$ |
|  | Handsets | $12.7 \%$ | $10.1 \%$ | $10.5 \%$ | $6.3 \%$ | $\mathbf{9 . 7 \%}$ |
| Company | GP Margin | $27.0 \%$ | $27.5 \%$ | $24.9 \%$ | $22.1 \%$ | $\mathbf{2 5 . 4 \%}$ |
|  | OP Margin | $8.4 \%$ | $9.5 \%$ | $4.7 \%$ | $1.0 \%$ | $\mathbf{6 . 0} \%$ |
|  | RP Margin | $6.3 \%$ | $10.8 \%$ | $4.2 \%$ | $-6.2 \%$ | $\mathbf{3 . 9 \%}$ |
|  | NP Margin | $5.0 \%$ | $7.5 \%$ | $2.9 \%$ | $-4.3 \%$ | $\mathbf{2 . 9 \%}$ |


| $\mathbf{2 0 0 3}$ |  |  |  |  |
| ---: | ---: | ---: | ---: | ---: |
| $\mathbf{1 Q}$ | 2Q | $\mathbf{3 Q}$ | 4Q | Total |
| $13.5 \%$ | $9.8 \%$ | $4.1 \%$ | $5.6 \%$ | $\mathbf{8 . 8 \%}$ |
| $9.0 \%$ | $4.4 \%$ | $5.0 \%$ | $4.7 \%$ | $\mathbf{5 . 8 \%}$ |
| $3.8 \%$ | $3.9 \%$ | $3.4 \%$ | $4.1 \%$ | $\mathbf{3 . 8 \%}$ |
| $5.7 \%$ | $2.1 \%$ | $5.8 \%$ | $5.1 \%$ | $\mathbf{4 . 8 \%}$ |
| $25.1 \%$ | $24.3 \%$ | $22.8 \%$ | $23.5 \%$ | $\mathbf{2 3 . 9 \%}$ |
| $8.3 \%$ | $5.4 \%$ | $3.8 \%$ | $3.6 \%$ | $\mathbf{5 . 3 \%}$ |
| $3.9 \%$ | $7.8 \%$ | $6.5 \%$ | $-1.1 \%$ | $\mathbf{4 . 1 \%}$ |
| $3.8 \%$ | $5.5 \%$ | $4.6 \%$ | $-0.3 \%$ | $\mathbf{3 . 3} \%$ |

## BS/PL by Quarter

Income Statement
(in W billion)


## Balance Sheet

(in W billion)

|  | 2,002 |  |  |  | 2003년 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1Q | 2Q | 3Q | 4Q | 1Q | 2Q | 3Q | 4Q |
| Asset | 11,983 | 9,734 | 9,960 | 10,133 | 11,091 | 10,459 | 11,036 | 11,277 |
| Current Asset | 3,342 | 2,648 | 2,757 | 2,963 | 3,885 | 3,039 | 3,488 | 3,773 |
| Fixed Asset | 8,641 | 7,086 | 7,202 | 7,170 | 7,206 | 7,420 | 7,548 | 7,505 |
| Investment | 4,767 | 3,312 | 3,395 | 3,304 | 3,386 | 3,544 | 3,654 | 3,546 |
| PP\&E | 2,842 | 2,775 | 2,843 | 2,893 | 2,898 | 2,959 | 3,026 | 3,123 |
| Intangible | 1,031 | 1,000 | 964 | 973 | 921 | 917 | 868 | 836 |
| Liablilities | 7,515 | 6,710 | 6,744 | 7,128 | 8,026 | 7,098 | 7,485 | 7,773 |
| Current Liabiities | 4,932 | 4,393 | 4,320 | 4,737 | 5,675 | 4,652 | 4,697 | 5,091 |
| Fixed Liabilities | 2,583 | 2,317 | 2,423 | 2,391 | 2,350 | 2,446 | 2,789 | 2,682 |
| Capital | 4,468 | 3,024 | 3,216 | 3,005 | 3,065 | 3,361 | 3,551 | 3,505 |
| Capital | 1,031 | 784 | 784 | 784 | 784 | 784 | 784 | 784 |
| Capital Surplus | 2,357 | 1,876 | 1,876 | 1,876 | 1,876 | 1,876 | 1,892 | 1,892 |
| Retained Earning | 1,749 | 341 | 457 | 278 | 303 | 570 | 794 | 766 |
| Capital Adjustment | -670 | 23 | 99 | 67 | 102 | 130 | 80 | 63 |

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[^0]:    -Like for like Comparison

